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The BULLETIN OF THE BEAUX-ARTS INSTITUTE OF DESIGN

SCHOOL YEAR 1954-1955

THE BULLETIN of the

BEAUX-ARTS INSTITUTE OF DESIGN

June 1955 VOLUME XXXI Number 3 School Year 1954-1955

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The reports of the Jury in the BULLETIN are presented as an unofficial opinion by a member of the Jury delegated for this purpose, and should not be interpreted as the collective opinion of the Jury.

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BEAUX-ARTS INSTITUTE OF DESIGN

SPRING TERM 1954-1955

CLASS A PROBLEM

A CORPORATION'S HEADQUARTERS IN A SUBURB

TILE COUNCIL OF AMERICA PRIZE: Sponsor, Tile Council of America

First Prize $100; Second Prize $50; Five Prizes, each $25.

RULES OF THE COMPETITION

Design solution must be completed in any five consecutive weeks between January 1 and May 1, 1955.

Contestant must qualify for the grade of work for which he submits solution. For details consult the B.A.I.D. Circular of Information.

Only one entry may be submitted by any contestant.

Registration fee of $2.50 must be paid to submit entry for competition. Make remittance payable to Beaux-Arts Institute of Design. The following information on a sheet of paper 8½" x 11" must accompany the fee: a) Affiliation (school, atelier, supervisor or home address); b) Class and title of problem; c) Dates during which solution was executed; d) Address to which outcome of competition is to be mailed; e) Full name of competitor (or alphabetical list of competitors).

Entry must be sent prepaid to: Beaux-Arts Institute of Design, 115 East 40th Street, New York 16, N. Y., promptly after completion. To be accepted for judgment both the entry and the registration fee must be at the above address before May 14, 1955.

Selections for award, and publication in Bulletin of the Beaux-Arts Institute of Design, will be announced after May 21, 1955.

Circular of Information for 1954-1955, containing complete schedule and data pertaining to the architectural design problems offered for study will be mailed on request.

PROGRAM

CLASS A PROBLEM

A CORPORATION'S HEADQUARTERS IN A SUBURB

TILE COUNCIL OF AMERICA PRIZE

Program by John Wellborn Root, Chicago, Illinois

MR. ROOT graduated from Cornell 1909, received diploma in 1913 from the Ecole des Beaux-Arts, Paris. In 1914 began with Holabird & Roche, Chicago, became a member of the firm in 1919. Work includes office and industrial buildings, hotels, stores, residences, schools, etc. Awarded Gold Medal by New York Architectural League 1930; Gold Medal by Chicago Chapter AIA 1930 for Daily News Building; Army & Navy "E" on the Scioto Ordnance Plant. He is a member Chicago Plan Commission, decorated Chevalier French Legion of Honor 1952; associate member National Academy; Fellow American Institute of Architects.

The tremendous increase in traffic congestion in many of our large cities since World War II, together with such other factors as decentralization urged by defense authorities to minimize the crippling effect of a sudden air attack, the difficulty of finding acceptable employee housing and a desire to improve labor-management relations has led a number of large corporations to move their headquarters from the heart of a large city to small towns or even into the open country. Such sites, where large plots of land can be obtained at reasonable cost, provide an opportunity for a pleasant setting, employee recreation facilities, almost unlimited parking space, and efficient planning. The advertising and psychological values of landscaping have been found of primary importance, and many of these new buildings are found in park-like surroundings which appeal to customer and employee alike. Such a building is the subject of this program.

A company engaged in the manufacture of various chemical products has acquired a site in a district of scattered small residential communities fifteen miles from the limits of a large city. The site, consisting of one thousand acres of rolling, semi-wooded land, lies on the north side of a four-lane median-stripped highway running east and west. Utilities, consisting of water supply, electric current, fuel gas and sewers, are available. It is planned eventually to develop the entire tract with laboratory buildings, a pilot plant, manufacturing buildings and various other facilities, but the current program contemplates only the construction of administrative headquarters building which will be built first.

SITE. A section of the above described property fronting 500 ft. on the main highway and 800 ft. deep has been decided upon for the location of the headquarters building. While nearly level, the site has a slight uniform slope upward from the front line of the property along the highway to an elevation 10 feet above it at a distance of 250 feet from it. It is then approximately level to a point about 700 ft. from the front where there is an east-west ravine, 60 ft. deep, at the bottom of which is a small stream. The rear of the site, including the ravine, is heavily wooded, while the remainder of the plot is devoid of trees.

CLIMATE. Long, hot summers; moderate and short but wet winters; pleasant in spring and fall. Prevailing winds—south from April through September; northwest from October through March. Winter winds are strong and may bring very cold weather for short periods.

GENERAL REQUIREMENTS.

1. SITE RESTRICTIONS—None, but building should be set back sufficiently from the highway to permit an attractive, landscaped approach.

2. LANDSCAPING—Including walks, roads, lawns, trees and gardens, should be carefully considered.

3. PARKING—For 40 visitors' cars. Parking for employees' cars is provided on land adjoining the site to the east.

4. RECREATIONAL FACILITIES—For employees are left to the discretion of the designer but should include a softball field.

SPECIFIC REQUIREMENTS.

1. BUILDING POPULATION—There will be approximately 600 occupants of the building, 250 of which will be women.

2. DEPARTMENTS ARE ORGANIZED AS FOLLOWS:

A. **Executive**—7000 sq. ft.

(1) President
(2) 5 Vice Presidents
(3) Secretary and Director of Public Relations
(4) Treasurer—Controller
(5) Personnel Director
(6) Assistant Personnel Director

Each of the above will have a private office and a secretary's office. The president and personnel director will have in addition a receptionist who may share the secretary's office or may have a desk in an outer reception room. In addition there should be a general reception area for the executive offices, general clerical area for 25 persons and adequate toilet facilities for both customers and executives. A conference room for about 30 persons should also be included. It is not desirable that this department be located too close to the main entrance.

B. **Research and Development**—6500 sq. ft.

This department has few visitors, but is sometimes called in consultation by the Promotion and Sales Department and by Production and Expediting.

(1) Office and Laboratory for Chief Research Chemist. Secretary's office adjoining.

(2) Small offices and combined laboratories for 10 chemists.

(3) General technicians' laboratory for 10 technicians.

(4) Adequate storage facilities including a low-temperature room where zero cold will be maintained (about 330 sq. ft.), a dust-free room of the same area, a small (400 sq. ft.) greenhouse, and a photographic techniques laboratory with dark room (400 sq. ft.).

C. **Promotion and Sales**—7000 sq. ft.

Most of the visitors to the building come to see this department.

(1) Sales Manager's office with secretary-receptionist.

(2) Assistant Sales Manager's office with secretary-receptionist.

(3) Small private offices for 20 salesmen.

(4) General office space for 40.

(5) Conference Room seating 25.

(Continued on next page)

D. **Production and Expediting**—20,000 sq. ft.

There is considerable traffic between this department and Operations.

(1) 10 private offices and 1 receptionist.
(2) Secretarial office for 10.
(3) Clerical space for 200.

E. **Operations**—Administration of branch plants, district offices, sales, offices, etc.—15,000 sq. ft.

(1) 12 private offices—1 receptionist.
(2) Secretarial office for 15.
(3) Clerical space for 125.

F. **Engineering**—600 sq. ft.

(1) Office for Chief Engineer and secretary.
(2) Office for Assistant Chief Engineer and secretary
(3) Office for Chief Draftsman.
(4) Small offices for 10 designer-engineers.
(5) Drafting room for 40.

G. **Building and Grounds Maintenance**—900 sq. ft.

(1) Office for Building Engineer.
(2) Office space for 4 superintendents.
(3) Locker facilities for 15 employees.

In addition to the above operating requirements, there should be an impressive public lobby and reception area where the company's products will be on display, a small auditorium seating 500 and equipped for showing both motion pictures and slides, an executive's dining room, possibly with adjacent dining terrace, seating 75, a cafeteria accommodating 200, adequate kitchen, storage, toilet and locker facilities, shipping and receiving room, and provision for employees coming to work by bus.

MINIMUM REQUIREMENTS:

Site plan to include principal floor plan at 1/32" to the foot. Other floor plans required to accommodate the program efficiently at 1/32" to the foot. In the presentation of the floor plans, the following departments may be shown as appropriate general areas without subdivision:

Promotion and Sales
Production and Expediting
Operations
Engineering
Buildings and Ground Maintenance

Beyond this the competitor is free to submit any and all material in the manner, form and technique which, in his judgment, most clearly, fully and effectively explains his solution.

All plans to be oriented with the north point at the top of the sheet.

A CORPORATION'S HEADQUARTERS IN A SUBURB

Design solution must be completed in any five consecutive weeks between January 1 and May 1, 1955. For details consult the B.A.I.D. Circular of Information.

DATA ON CLAY TILE

Courtesy of the
TILE COUNCIL OF AMERICA

In conjunction with their annual prize awards, the Tile Council of America, comprising 20 leading U. S. manufacturers of clay floor and wall tile, have compiled the following factual information to give students a working knowledge of the material. The prizes offered in collaboration with the Beaux-Arts Institute of Design this year are a first prize of $100, second prize $50, and five prizes of $25 each.

What Clay Tile Is. Tile is made from clay and/or other ceramic materials and fired at very high temperatures (2,000° approximately) to produce a strong, durable material.

The product manufactured by the members of the Tile Council is a tile used as a veneer, ranging generally from 1/4" to 3/8" in thickness. It is not to be confused with structural tile, terra cotta or cement blocks.

Glazed Tiles most often specified are 4 1/4"x4 1/4", 6"x6" and 6"x3". They are usually used for walls, but special types can be used for floor receiving light traffic.

Unglazed Tiles range in size from 11/32" square, 3/4"x3/4", 1"x1", 2"x2", to units 6"x6". They are most often used for floors, but occasionally for walls.

Quarry Tiles are a heavy-duty unglazed type usually used for floors. They range in size from squares 2 3/4"x 2 3/4", 6"x6", to 9"x9", and also come in oblongs.

Properties of Clay Tile. Clay tile is waterproof, colorfast, fireproof, sanitary and easily cleaned, durable and unaffected by acids and alkalis. It is stainproof, nonabsorbent and resistant to abrasion. It does not need waxing, varnishing, painting or other redecorating, so that it has one of the lowest maintenance costs of all materials.

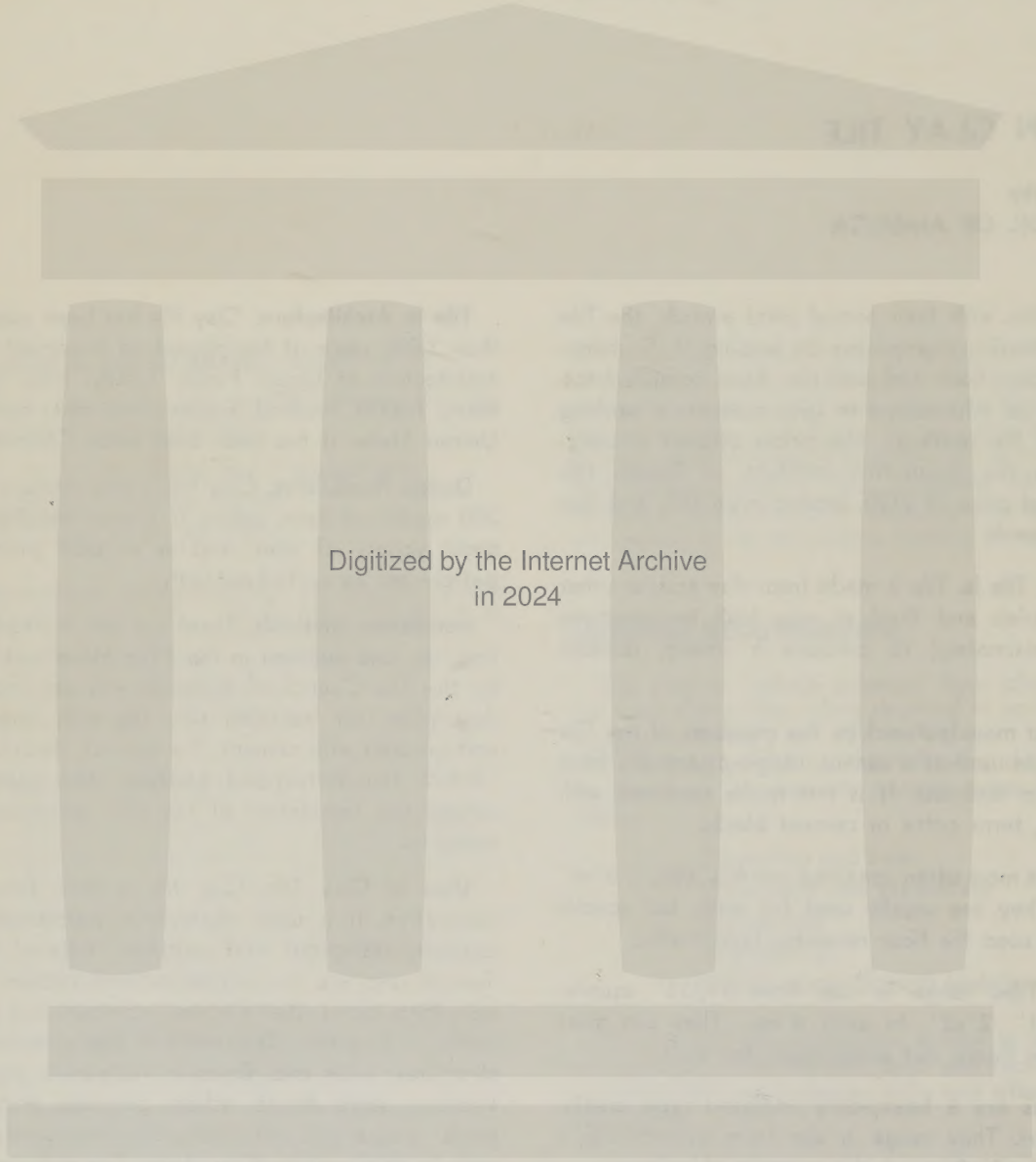
Tile in Architecture. Clay tile has been used for more than 7,000 years. It has played an important role in the architecture of Egypt, Persia, Turkey, Italy, Spain, Germany, France, Holland, England and other nations. In the United States it has been used since Colonial times.

Design Possibilities. Clay tile is now made in more than 200 shades of basic colors. It is also manufactured in a great variety of sizes, and as a result practically any pattern can be worked out in it.

Installation Methods. There are two methods of installing tile, one outlined in the "Tile Handbook" published by the Tile Council of America, with specifications and description for installing clay tile with cement mortar and grouted with cement. The second, described in their "K-400 Thin-Setting-bed Methods and Materials" describes the installation of tile with adhesives and thin cements.

Uses of Clay Tile. Clay tile is both functional and decorative. It is used wherever a waterproof, sanitary, durable, stainproof and colorfast material is needed. Typical uses are for bathrooms and kitchens in homes; operating rooms, diet kitchens, corridors and promenade decks of hospitals; washrooms in public and commercial structures; walls and floors in restaurant and cafeteria kitchens; store fronts; school corridors and swimming pools; grease pits and automobile showrooms; floors and walls in dairy and bottling plants. The wide range of clay tile colors and sizes means that this material can also play an important decorative role in all these spaces.

For further information. Local tile contractors can show tile samples and suggest installations to visit. The Tile Council of America, at 10 East 40th Street, New York 16, N. Y., will be glad to answer any special technical questions.



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A CORPORATION'S HEADQUARTERS IN A SUBURB

TILE COUNCIL OF AMERICA PRIZE CLASS A PROBLEM
Author - John Wellborn Root, Chicago, Illinois at Navy Pier SPRING TERM

JURY OF AWARD - May 21, 1955, Chicago, Illinois

Alfred S. Alschuler, Jr.
Pierre Blouke
Howard L. Cheney
John S. Cromelin
Paul Gerhardt, Jr.
Morris C. Hertel
Samuel A. Lichtman
Harper Richards
John W. Root
Norman J. Schlossman
Eugene Voita
Leonard Wayman
John R. Weese

Tile Council Representatives:
Roy W. White
A. D. Pickett
William Kelly
Al Frantz

Representatives: Professor H. B. McEldowney, Host for the judgment.

PARTICIPANTS

Alabama Polytechnic Institute
Oklahoma A & M College
Pennsylvania State University
The Rice Institute
University of Illinois, Urbana
University of Notre Dame

Number of Entries: 53

AWARDS

Honorable Mention Placed:

1st and 1st Prize:		J. R. Logan, University of Illinois
2nd and	:	R. Strandjord, University of Illinois
3rd	:	S. Sinadyodharaks, University of Illinois
4th and 2nd Prize:		W. Paschke, University of Illinois
5th and Prize	:	A. S. Merker, Oklahoma A & M College

Honorable Mention :

Prize	:	S. LeVeque, Oklahoma A & M College
Prize	:	R. Larsen, University of Illinois
Prize	:	P. Withrow, University of Illinois
Prize	:	T. Wrona, University of Illinois
		P. Fahrenkrog, University of Illinois

REPORT OF THE JURY - By Samuel Arthur Lichtmann, AIA, Chicago, Ill.

The problem is a timely one, keeping pace with the present trend of large corporations to relocate in suburban areas. The site, in area, location and topography, provides a stimulant for imaginative exploitation. In its judgment of the merits of the

submissions, the jury was concerned with the following considerations:
Adherence to the program.
Utilization of the site with reference to orientation, and advertising and psychological values of building masses and landscaping.
Interrelation of plan elements.
Architectural expression of building masses and economic feasibility of construction.
Clarity of statement through delineation and presentation.
The use of clay tile as a veneer.

The winning design by J. R. Logan of the University of Illinois, Honorable Mention Placed First and First Prize: presented an excellent development of the site. The orientation of the principal plan elements with respect to the ravine and the wooded area at the north was skillfully done. Building elements were well coordinated to present good architectural masses and an efficient, smooth, working plan. The presentation was crisp and imaginatively executed. The jury felt that the ceramic tile mural treatment of the walls of the lobby was highly commendable. The problems of heat and glare created by the large expanse of glass on the south elevation of the principal building mass would have been better solved by overhangs or louvres than by the student's use of tinted glass.

The second Honorable Mention Placed submission by R. Strandjord of the University of Illinois was also very well oriented on the site with the principal building mass canted off the east-west axis to permit full visual appreciation by passing motorists. The jury especially commended the handling of plan elements and building masses to exploit the advertising value of the site. Arrangements for parking of passenger cars and buses were very well worked out. The south elevation was an ingenious checkerboard of glazed tile and glass block. The various elements of the plan were well coordinated, although the jury felt that the location of the cafeteria on the first floor athwart the channels of circulation between the lobby and the executive offices was a weakness in the overall plan.

The third Honorable Mention Placed submission by S. Sinadyodharaks of the University of Illinois, was commended for its integration of the various plan elements, placement on the site, and well studied parking and traffic pattern. The building masses were well composed and their architectural treatment was fresh and imaginative. It was the opinion of the jury that the glass face of the south elevation of the principal mass would create difficult problems of glare and heat elimination. It was felt that an over-generous proportion of each typical floor was developed for elevator lobbies.

The jury found excellent delineation and presentation characteristic of all of the submissions premiated among the first ten. However, it felt than an undue importance was placed upon the auditorium required by the program. The jury found the submissions to be interesting, indicative of a great deal of study, and highly stimulating.

Failure to comprehend and meet the ceramic tile requirement for the problem, rendered both the second and third placed submissions ineligible for the Tile Council prizes.

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33. J. R. Logan, University of Illinois 1st Prize Honorable Mention Placed 1st
34. R. Strandjord, University of Illinois Honorable Mention Placed 2nd
35. S. Sinadyodharaks, University of Illinois Honorable Mention Placed 3rd
36. W. Paschke, University of Illinois 2nd Prize Honorable Mention Placed 4th
37. A. S. Merker, Oklahoma A & M College Prize Honorable Mention Placed 5th
38. S. LeVeque, Oklahoma A & M College Prize Honorable Mention
39. R. Larsen, University of Illinois Prize Honorable Mention
40. P. Withrow, University of Illinois Prize Honorable Mention
41. T. Wrona, University of Illinois Prize Honorable Mention
42. P. Fahrenkrog, University of Illinois Honorable Mention

REPRODUCTIONS AND REPORTS OF CURRENT PROBLEMS MAY BE PURCHASED AT $1.00 PER PRINT OR PER REPORT; OF ANY PREVIOUS SCHOOL YEAR, THEY MAY BE PURCHASED AT $2.00 PER PRINT OR PER REPORT, IF AVAILABLE.

BEAUX-ARTS INSTITUTE OF DESIGN
SPRING TERM 1954-1955

CLASS B PROBLEM

A LITTLE THEATER

KENNTH M. MURCHISON PRIZE:

First Prize is $75; Second Prize is $25.

RULES OF THE COMPETITION

Design solution must be completed in any five consecutive weeks between January 1 and May 1, 1955.

Contestant must qualify for the grade of work for which he submits solution. For details consult the B.A.I.D. Circular of Information.

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PROGRAM

A LITTLE THEATER

CLASS B PROBLEM

KENNETH M. MURCHISON PRIZE

Program by George Foster Harrell, Dallas, Texas

MR. HARRELL received B. of Architecture from Georgia Institute of Technology, 1930 and his Masters from University of Pennsylvania. Worked in architectural offices in New York and began practice in 1930. Served in Navy for three years during World War II teaching Aerial Navigation. Established practice in Dallas in 1946 and formed partnership, Gill & Harrell, in 1950. Practice includes commercial, industrial and institutional work. Currently associated with Harrison & Abramovitz as architects for Republic National Bank Building in Dallas.

A small college having a well-established Art and Drama Department proposes to erect an experimental theater of about 500 seats. The theater with its required facilities shall be a separate structure, but adjacent to the recently completed classroom building used for Drama Department courses. It shall provide the maximum flexibility for the testing of new production forms and techniques. At the same time its primary facilities should follow the best professional theater standards, for not only is this to be a laboratory for testing of new ideas, but is to serve as well for the teaching of established theater techniques.

The building, through its function, form, and overall design, should be stimulating to experimentation, "a way to freedom rather than a house of bondage." Structural, accoustical, electronics, lighting, and climate control developments combine to point the way to the ideal theater on which the Drama Department has based its program.

In the preparation of a production the initial steps of script, organization, and planning will be carried out in the Drama Department classrooms. The theater building will provide facilities for the following steps in a **Production:**

A. Preparation and construction of stage props and equipment;

B. Assembly and installation of these;

C. Rehearsal;

D. Performance.

All services shall be adequate but not sumptuous, for the building is primarily intended for teachers and students. The operation of the building should be economical and efficient, providing for independent use of primary areas, and capable of supervision by a small staff.

THE SITE:

The site is level and rectangular, 400 feet long on the north and south sides and 300 feet long on the east and west sides. It adjoins on the south side the site of the newly constructed Drama Department classroom building. The east side is bounded by a secondary campus street which gives access to the main entrance of the Drama Department. On the opposite side of the street is a large parking area considered adequate for the theater and the Drama Department. The north side of the site is bounded by a main campus street, and the west side adjoins a planted campus area. Service roads may be brought in from either of the two streets bounding the site. It is desired that the building be connected to the Drama Department by a covered passage, and the entrance to the auditorium be provided with a covered loading space for automobile passengers.

THE BUILDING PROGRAM IS AS FOLLOWS:

A. **Public Areas**

1. Lobby large enough for full audience during intermission, and arranged to provide flexible exhibition area.
2. Check room approximately 200 sq. ft. located near main entrance with quick and easy access.

3. Ticket office with two windows and space for sorting tickets, counting money, and storage of programs.

4. Rest rooms and toilets for men and women.

5. Auditorium for about 500 seats, permitting flexible arrangements for:

   a. Proscenium or conventional stage;

   b. Encircling stage;

   c. Arena (theater-in-the-round) stage. Arena stage arrangement shall be by means of seats on four sides approximating a hollow square with level or slightly inclined access to stage at four corners. (Square or rectangular shape of most sets is given better illusion by hollow square arrangement of seats, rather than circle.)

Flexibility may be achieved by movable platform sections, mechanical lifts, multiple use of stage area, and/or other means, but changes shall be accomplished by efficient, simple and uncomplicated methods.

Seats may be in movable units or may be pivoted type, but shall be of size comparable to comfortable theater seats and not temporary folding chair type.

Provision should be made for a portable television camera.

B. **Stage Areas**

1. Stage: Provide ample space for horizontal shifting of sets on both sides of stage and vertical lifting of scenery in a stage loft. Make ample provisions for circulation on the stage with cross-over behind sets.

   For conventional proscenium type staging proscenium width shall be 30 feet.

   Forestage with provision for extension into seating area.

   Small orchestra pit with provision for raising to level of auditorium floor or stage.

   Provision shall be made for a rear projection movie camera.

2. Rehearsal Room: Acting area of same size and shape as central stage plus narrow strip of off-stage space for actors, and generous space for director, etc. on one long side.

3. Work Shop: Approximately 2500 sq. ft. immediately adjoining the stage, with complete provision for the preparation of scenery and models, including subdivisions for carpentry, electrical, metal and painting work. Space for paint frame shall be approximately 30 feet high. Provide outside light, preferably diffused.

(Continued on next page)

4. Loading Dock: Adjacent to stage and workshop with space for two trucks with truck beds at stage level.

5. Costume Shop: Approximately 800 sq. ft. including sewing room, dyeing room, and costume storage. Provide daylight for sewing room.

6. Dressing Rooms:

Five dressing rooms accommodating four people each, with one wash basin in each room.

One dressing room for two people, with one wash basin;

One dressing room for ten people with two wash basins;

Provide seated make-up shelf for each person and hanging space.

7. Storage Room: Approximately 700 sq. ft. for storage of properties, models, etc.

8. Green Room: Approximately 400 sq. ft. for actors' recreation and discussion space, also to be used as chorus room.

9. Toilet and shower rooms for men and women.

C. **Administration and Maintenance Areas**

1. Private office for Director of about 350 sq. ft. with adjoining office for one secretary and record files.

2. Mechanical Equipment Room: Heating will be provided from central power plan, but space for air conditioning equipment shall be provided of about 500 sq. ft.

3. Maintenance engineer's and janitor's office approximately 200 sq. ft.

MINIMUM REQUIREMENTS:

Floor plan or plans one of which shall show full site, at the scale of 1/16" to the foot, with points of the compass indicated. An indication of the three systems of stage arrangement (a.5) should be shown.

Sections and elevations at the competitor's option sufficient to clarify intent and character of the solution.

Perspective view of the interior of the auditorium.

Beyond this, the competitor is free to submit any and all material in the manner, form, and technique which in his judgment most clearly, fully, and effectively explains his solution.

Bibliography:

Theaters & Auditoriums—by Harold Burris-Meyer and Edward C. Cole, Progressive Architectural Library.

Architecture for the New Theatre—edited by Edith J. R. Isaacs, Theatre Arts Inc.

Dramatic Imagination—by Robert Edmund Jones.

A LITTLE THEATER

KENNETH M. MURCHISON PRIZE

CLASS B PROBLEM
SPRING TERM

Author - George Foster Harrell, Dallas, Texas

JURY OF AWARD - May 21, 1955 at Navy Pier, Chicago, Illinois

Dick Barringer
Herbert B. Beidler
George Foster Harrell
Leon Hyzen
Joseph Judge
Mark D. Kalischer
George F. Keck
Jerrold Loebl
Andrew N. Rebori
Harold F. Reynolds
Ray Stuermer
Edward M. Tourtelot, Jr.
George H. Tsuruoka

PARTICIPANTS

A & M College of Texas
Oklahoma A & M College
Pennsylvania State University
University of Illinois
University of Notre Dame
Unaffiliated - Milford, N. J.

Number of Entries: 89

AWARDS

Honorable Mention Placed:

1st and 1st Prize:		W. J. Brown, University of Illinois
2nd and 2nd Prize:		E. Wardrum, University of Illinois
3rd place	:	J. Henneberg, University of Illinois
4th place	:	C. K. Gordon, University of Illinois
5th place	:	N. Werner, University of Illinois

Honorable Mention:

L. Anderson, University of Illinois
D. E. Ferry, University of Illinois
O. L. Lurtz, University of Illinois
J. Manachek, University of Illinois
A. Sestak, University of Illinois

REPORT OF THE JURY - BY MARK D. KALISCHER, AIA, Chicago

The jury was very much impressed by the careful thinking shown in the drawings presented. They demonstrated a wealth of material, capably expressed for the solution of a very difficult problem.

It was the consensus of opinion of the members of the Jury that the problem was best solved by providing a simple box like auditorium with extreme flexibility in the seating arrangements and lighting effects. It was also felt that proper provision for bringing scenery into the stage as well as ample space for shifting it about were very necessary for the proper operation of a workshop type theater.

Common errors found in the drawings were

the designing of a monumental building instead of a 'Little Theater' as called for by the program, not enough circulation space behind the stage, and poor circulation to and from the Auditorium. Many ingenious seating arrangements were shown and for the most part the organization of the plans was good.

There was a general feeling among the Jury that the difficulties of the problem caused so much time to be spent on the solution that the usual excellence of presentation was lacking.

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KENNETH M. MURCHISON PRIZE - May 21, 1955, Chicago

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44.	E. Wardrum, University of Illinois	2nd Prize and Honorable Mention Placed 2nd
45.	J. Henneberg, University of Illinois	Honorable Mention Placed 3rd
46.	C. K. Gordon, University of Illinois	Honorable Mention Placed 4th
47.	N. Werner, University of Illinois	Honorable Mention Placed 5th
48.	L. Anderson, University of Illinois	Honorable Mention
49.	D. E. Ferry, University of Illinois	Honorable Mention
50.	O. L. Lurtz, University of Illinois	Honorable Mention
51.	J. Manachek, University of Illinois	Honorable Mention
52.	A. Sestak, University of Illinois	Honorable Mention

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BEAUX-ARTS INSTITUTE OF DESIGN

SPRING TERM 1954-1955

CLASS C PROBLEM

A SMALL COLLEGE INFIRMARY

ARCHITECTURAL RECORD PRIZE: Sponsor, Architectural Record

First prize is $50; Second Prize is $25.

RULES OF THE COMPETITION

Design solution must be completed in any five consecutive weeks between January 1 and May 1, 1955.

Contestant must qualify for the grade of work for which he submits solution. For details consult the B.A.I.D. Circular of Information.

Only one entry may be submitted by any contestant.

Registration fee of $2.50 must be paid to submit entry for competition. Make remittance payable to Beaux-Arts Institute of Design. The following information on a sheet of paper 8½" x 11" must accompany the fee: a) Affiliation (school, atelier, supervisor or home address); b) Class and title of problem; c) Dates during which solution was executed; d) Address to which outcome of competition is to be mailed; e) Full name of competitor (or alphabetical list of competitors).

Entry must be sent prepaid to: Beaux-Arts Institute of Design, 115 East 40th Street, New York 16, N. Y., promptly after completion. To be accepted for judgment both the entry and the registration fee must be at the above address before May 14, 1955.

Selections for award, and publication in Bulletin of the Beaux-Arts Institute of Design, will be announced after May 21, 1955.

Circular of Information for 1954-1955, containing complete schedule and data pertaining to the architectural design problems offered for study will be mailed on request.

PROGRAM

A SMALL COLLEGE INFIRMARY

CLASS C PROBLEM

ARCHITECTURAL RECORD PRIZE

Program by John C. B. Moore, New York, N. Y.

MR. MOORE received A.B. from Harvard in 1918; and diploma from the Ecole des Beaux-Arts, Paris, in 1927. Served apprenticeship with Delano and Aldrich, Architects, New York; and began independent practice in 1930. Formed partnership in 1937 of Moore & Hutchins. He is author of chapter on "Colleges and Universities" in "Forms and Functions of 20th Century Architecture," was part-time critic in advanced design at Columbia University. He is Chevalier, Legion of Honor, France; Fellow of the American Institute of Architects, member of the Committee on International Relations, AIA. Work includes schools, colleges, libraries, institutional, memorial, church, civic, also residential. Awarded first prize in competition in 1950 for New Village Hall, Garden City, N. Y., which is under construction.

A proposed new four-year co-educational liberal arts college for 1200 students requires a small infirmary as part of its initial plant.

Studies of college plant management have shown that such a unit should consist of a simple infirmary and clinic, with provision for examination of students and care of only minor illnesses. There will be three shifts of non-resident nurses and a part-time doctor. Local, off the campus, hospitals will provide care for surgery and epidemics.

The infirmary is to be planned as a separate building unit, close to the Student Union, and connected to it by an enclosed covered passage for service. Food is to be provided by the central kitchen of the Student Union, and heat is to be provided from the Student Union heating plant. Proximity to these service elements of the Union has advantages which far outweigh minor considerations of noise, particularly if the important elements of the infirmary face in a different direction. The infirmary will, however, have its own entrance for patients and an ambulance entrance which will be related to the service court of the Student Union.

The area allocated for this project is level ground with open spaces to the south of it, with the Student Union on the west, and with the main campus lying in a generally northerly direction.

THE SPACES REQUIRED ARE:

Waiting room, with space for table and 10 chairs.

Examining room, of about 90 sq. ft., and containing an examining table, a stool, a desk, 2 chairs, a lavatory.

Treatment room, of about 90 sq. ft. with bed, stool, desk, 2 chairs, examining chair, lavatory, medicine and equipment cupboards.

Two isolation rooms, of about 160 sq. ft. each, and each containing bed, chair, lounge chair, table, bed stand.

Four two-bed men's wards, each about 200 sq. ft. and each containing 2 beds, 2 bed stands, 2 chairs, a screen and a table.

Four two-bed women's wards, similar to the above.

Men's toilet, containing 2 w.c.s., 2 urinals, 2 lavatories, one bathtub.

Women's toilet, containing 2 w.c.s., 2 lavatories, one bathtub.

Utility room, about 70 sq. ft., containing 2 small sterilizers, a small autoclave and a bed-pan sterilizer, a work counter and some cabinet space.

Small laboratory about 40 sq. ft., possibly combined with the utility room, and containing laboratory table, sink, work counter and cabinet space.

Doctor's office, about 180 sq. ft., containing a typing desk, 4 chairs, files, bookshelves.

Nurses' office, about 180 sq. ft., containing a typing desk, 4 chairs, files, bookshelves.

Linen supply closet.

Diet kitchen, about 180 sq. ft., containing sink, drainboard, sterilizer, small range, refrigerator, counterspace for food preparation, cabinets.

Janitor's closet, containing slop sink.

MINIMUM REQUIREMENTS:

Plan, section, and three elevations at the scale of 1/8" to the foot or equivalent submissions to explain the project fully.

North point must be shown. Beyond this each competitor is free to submit any and all material in a manner, form, or technique, which in his judgment most clearly, fully and effectively explains his solution.

A SMALL COLLEGE INFIRMARY
ARCHITECTURAL RECORD PRIZE
Author - John C. B. Moore, New York, N.Y.

CLASS C PROBLEM
SPRING TERM

JURY OF AWARD - May 21, 1955, Chicago, Illinois

Roy T. Christiansen	Carl Landefeld	Walter H. Sobel
Clarence L. Dahlquist	Fernando F. Mancusco	Ralph Stoetzel
Martin D. Dubin	Raymond A. Orput	James H. Ticknor
R. Vale Faro	Gerald A. Siegwart	Wm. Campbell Wright
Edward F. Jansson	Wm. Jones Smith	Wallace F. Yerkes

PARTICIPANTS

A & T College of North Carolina
A & M College of Texas
Georgia Institute of Technology
Kansas State College
Ohio State University
Oklahoma A & M College
Pennsylvania State University
University of Illinois
University of Kansas
University of Notre Dame
University of Pennsylvania
University of Washington
Unaffiliated: New York

Number of Entries: 132

AWARDS

Honorable Mention Placed:

1st and 1st Prize:	R. Wirth, University of Illinois
2nd and 2nd Prize:	P. L. Hodge, University of Illinois
3rd :	T. S. Torke, University of Illinois
4th :	H. Rosenwinkel, University of Illinois
5th :	W. Hedley, University of Illinois

Honorable Mention:
W. H. Monroe, Kansas State College
R. Spangenberg, Kansas State College
D. Johnson, University of Illinois
M. Spinelli, University of Illinois

REPORT OF THE JURY - BY WM. CAMPBELL WRIGHT, AIA, Chicago

There were 132 entries. Of these, approximately 30 were selected as being worthy of consideration for the prize. This group was rather easily reduced to nine, for final judgment.

The thirty entries referred to above far outclassed the remainder in actual presentation. They were clean, neat and beautifully rendered Many of the others were carelessly presented.

Of the top thirty, the jury was forced to throw out several beautiful presentations which had entirely omitted the Diet Kitchen which was a program requirement. We had difficulty understanding such carelessness.

A great number of the remainder paid no attention to the program statement that this building had to be connected to the Student Union by an "enclosed covered passage".

The greater majority had not given proper consideration and study to the following basic matters:
1. Staff functions - proximity of doctors and nurses to each other and to examination and treatment rooms.
2. Control. In a small institution such as this, one duty nurse should be able to watch corridors, etc. from a single station.
3. Adequate segregation of men and women. It should not be necessary to walk through the women's ward to reach the men's, or to reach the kitchen, etc.
4. Simplicity of design and construction. The program stated: "A simple infirmary and clinic."

Many solutions had the laboratory in a very poor location, sometimes right next to the public reception room.

Although the program did not mention toilet facilities for the isolation rooms, these should have been considered. Many solutions provided for these. The prize winning entry not only provided for toilet rooms, but had these rooms so placed that they could be used for men or women or both, without interference.

ADDITIONAL COMMENTS - BY EDWARD F. JANSSON, AIA, Chicago
Quoted from a letter following the judgment:

You may recall that I had to beg off on writing a report on the jury's selection for I was leaving within a few hours for the West. I send these comments to you now for any future problems might be helped by questions like ours when writing up another problem.

Numbering program paragraphs 1 to 19, we found many failures in the following:

Paragraph 2 - The control position of the duty nurse and the location of this station was handled in an interesting manner by many, but in many schemes it was necessary to employ mirrors, or walk from the station to look down the corridor of an adjoining wing.

Paragraph 3 - "Food to be provided by a central kitchen in the Student Union connected by an enclosed covered passage" was an element ignored by many. The jury gave many entries the benefit of the doubt where they had shown any indication that might meet this requirement.

Many of the students had the diet kitchen as a receiving room and awkward turns were necessary for the hospital carts.

While nothing was said about clean and soiled linen, the jury assumed that this service would be carted to the Student Union building, and coming through the diet kitchen posed something of a problem.

Paragraph 8 - Two isolation rooms were required. Some of the students cleverly worked them side by side so that they could be used by boys and girls without embarrassment as the need arose. There was nothing said about

private toilets in these isolation rooms. Without toilets it was necessary to have the patient go into public halls and public toilets, and, while contamination might not be a serious problem, privacy was not adequately cared for in many of the submissions. I recall one problem where the isolation room patients had to pass an archway visible from the main waiting room to get to a toilet or wash room. This, of course, was not the fault of the student, for I think the program in this paragraph could have been a little more specific. Some of the utility features 17, 18, and 19 were not too well handled, and and it was with a sense of regret that the jury had to throw out three beautifully done problems, because the diet kitchen had been ignored completely.

These rambling comments are notes that I made during my day's work there, which truly was not work at all, for I found it very stimulating, and it was gratifying indeed to see the results and most of the submissions. I believe I am expressing the feelings of many of the jury in expressing my delight in having been allowed to serve in this work.

INDEX OF REPRODUCTIONS

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54.	P. L. Hodge, University of Illinois	2nd Prize and Honorable Mention Placed 2nd
55.	T. S. Torke, University of Illinois	Honorable Mention Placed 3rd
56.	H. Rosenwinkel, University of Illinois	Honorable Mention Placed 4th
57.	W. Hedley, University of Illinois	Honorable Mention Placed 5th
58.	W. H. Monroe, Kansas State College	Honorable Mention
59.	R. Spangenberg, Kansas State College	Honorable Mention
60.	D. Johnson, University of Illinois	Honorable Mention
61.	M. Spinelli, University of Illinois	Honorable Mention

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A Small College Infirmary	22	John C. B. Moore	(Wm. Campbell Wright (Edward F. Jansson
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Data on Clay Tile	Class A Problem	facing page 17	June Issue
Lloyd Warren Scholarship	Circular of Information	in program	April Issue

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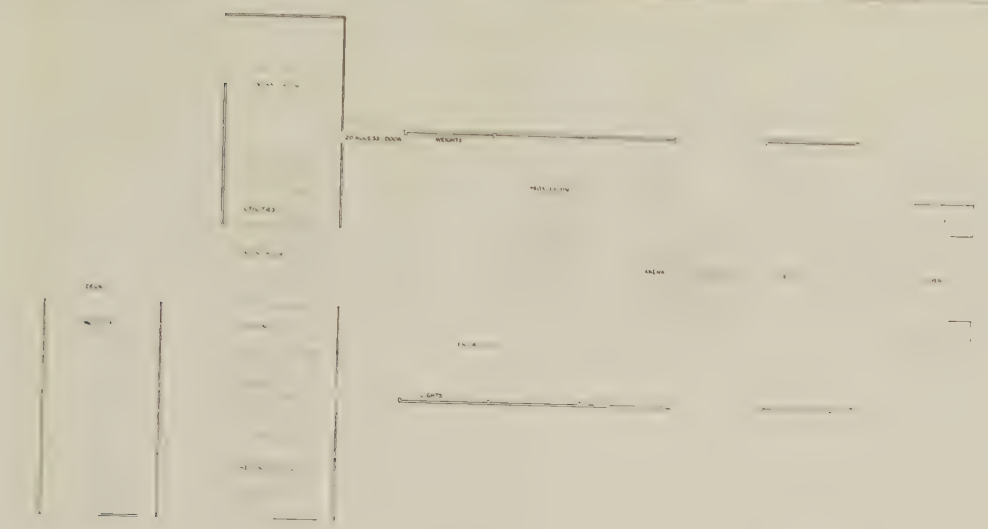
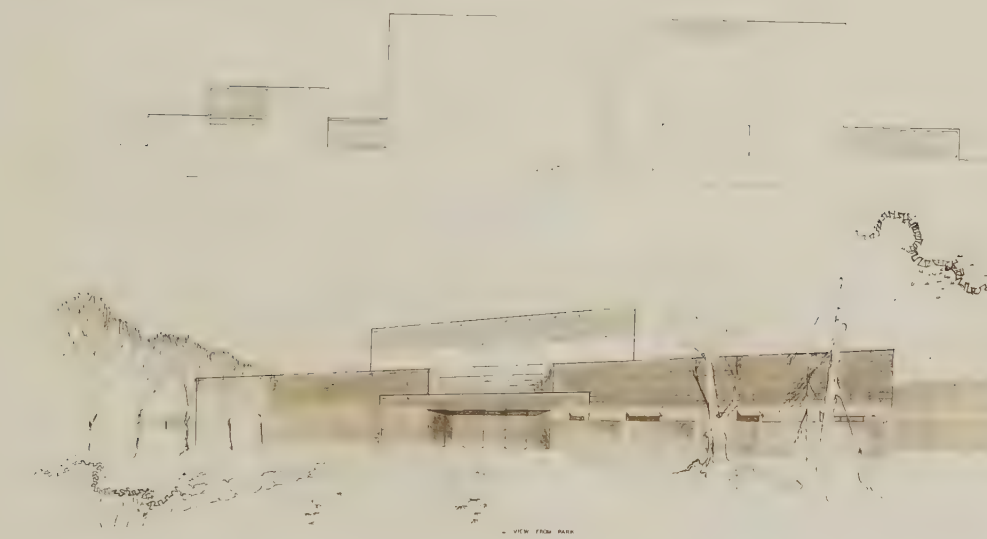




VIEW FROM PARK

TO MAKE A FLAT FLOOR

SELECT SHORT PIECES AS
1. SET BAR JOISTS AT A
2. LAY WOOD FLOOR PANELS

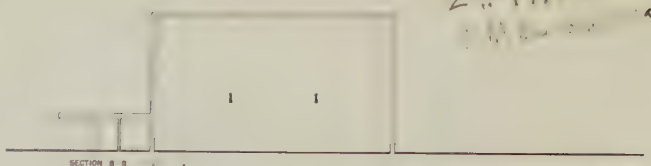
STORE MATERIALS
IN BASEMENT

RAISE BY ELEVATOR & ATTACH

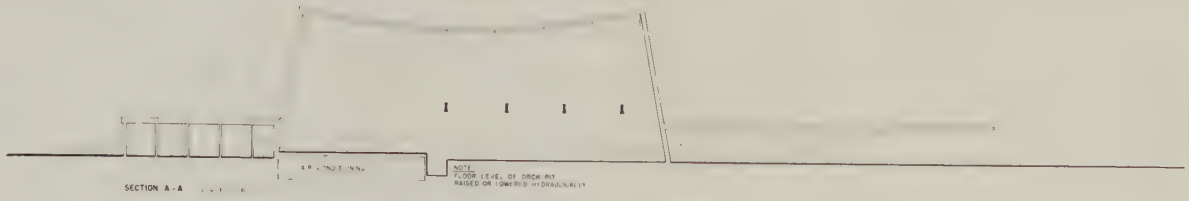
1959-55
43

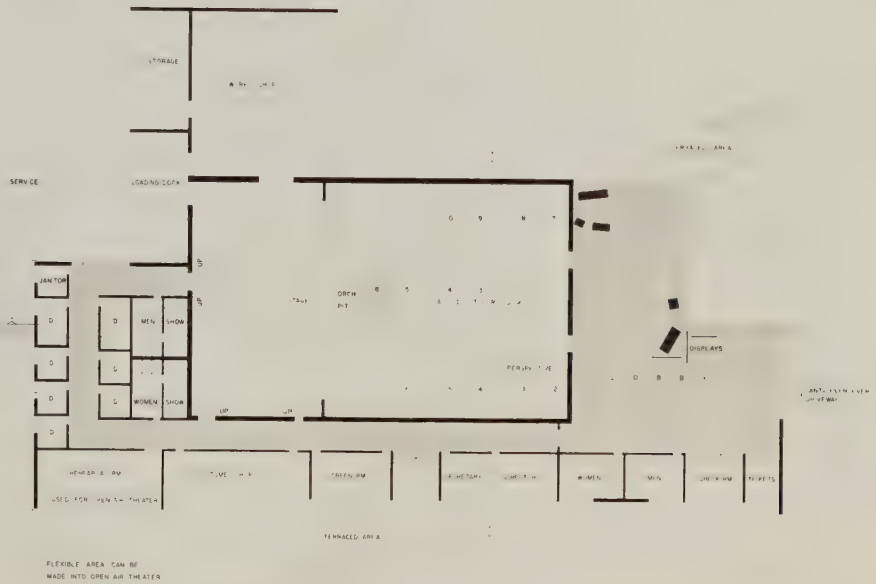
2ND PRIZE

B-7



HON. MENTION

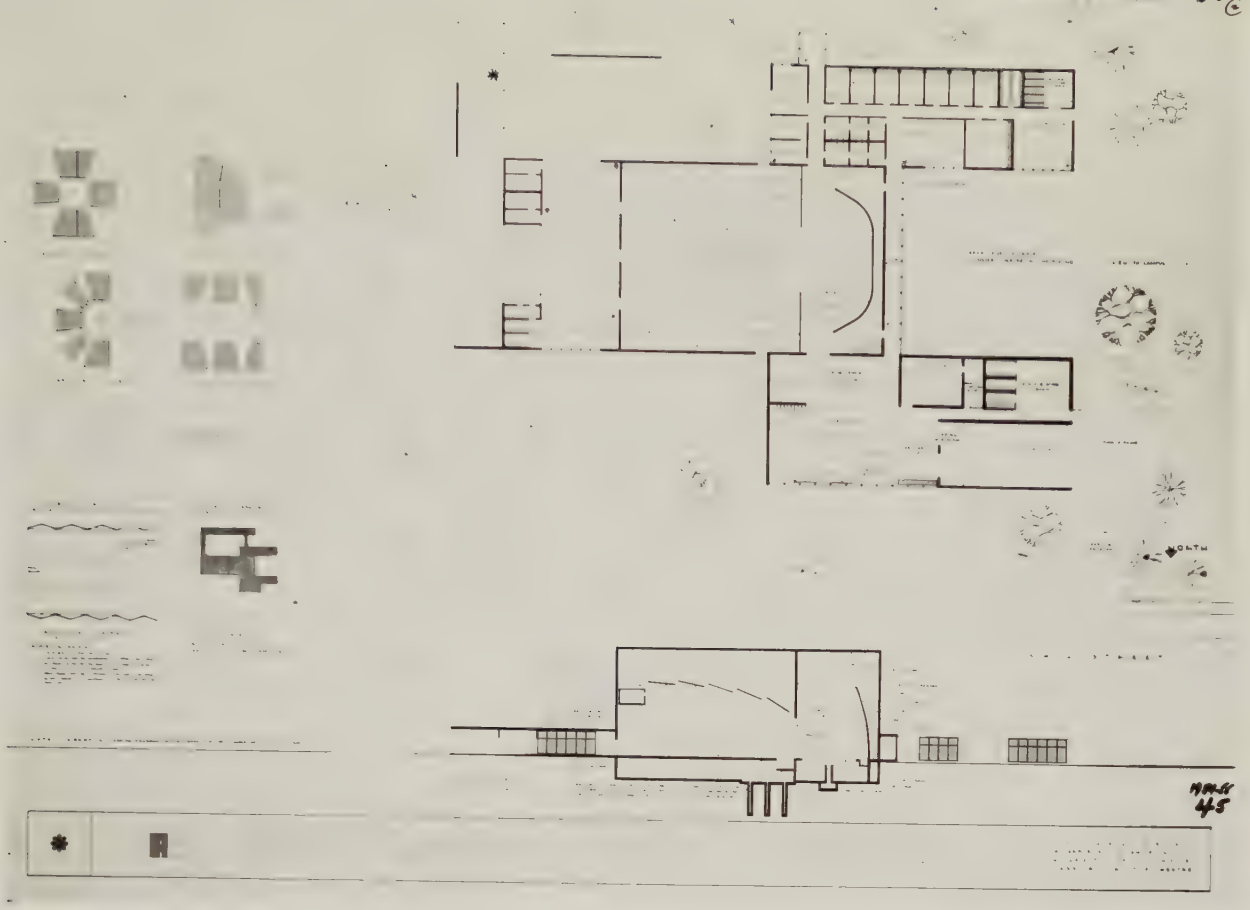




NORTH

EARL ROY WARDRUM 24-4A CT & PG
UNIVERSITY OF ILLINOIS DEPT OF ARCHITECTURE
URBANA ILLINOIS
CLASS B BAID

1954-55



PERSPECTIVES

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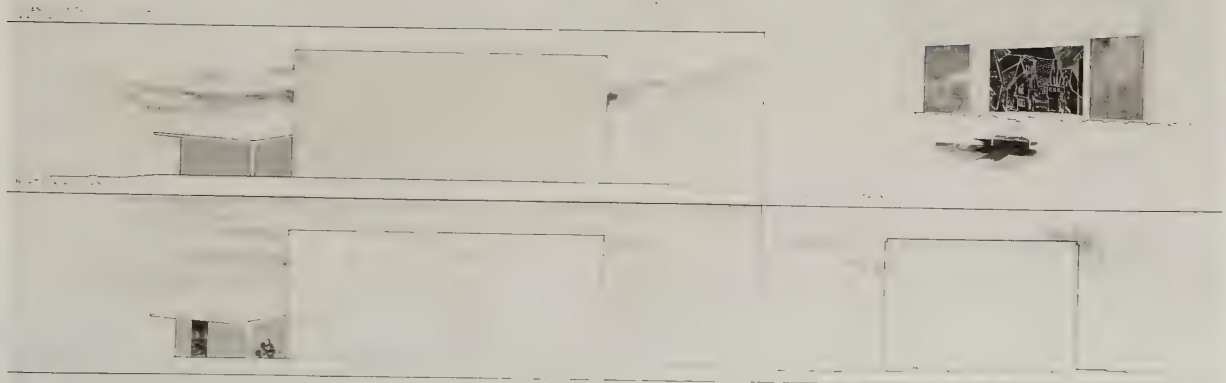

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H.M. FIFTH PLACE

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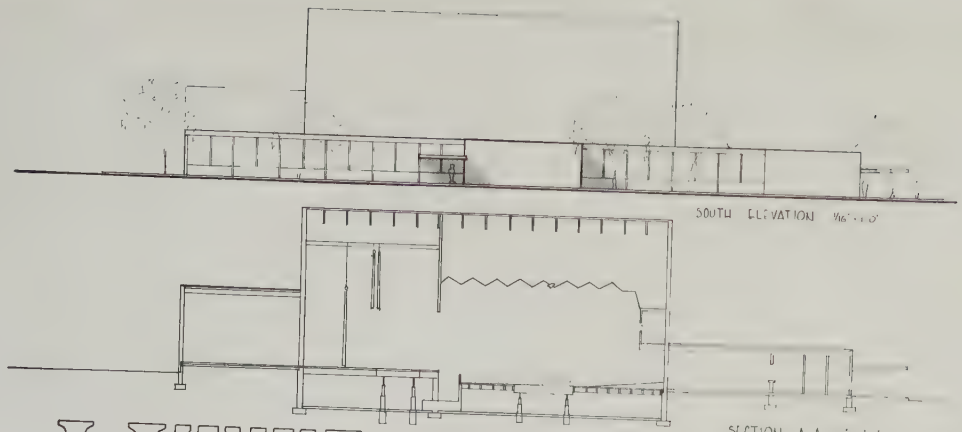
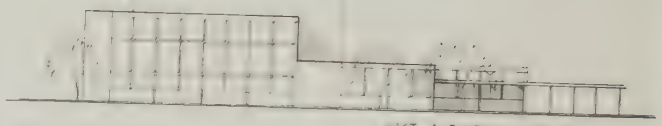


SOUTH ELEVATION 1/16"-1'-0"

SECTION A-A 1/16"-1'-0"

EAST ELEVATION 1/16"-1'-0"



WEST ELEVATION 1/16"-1'-0"

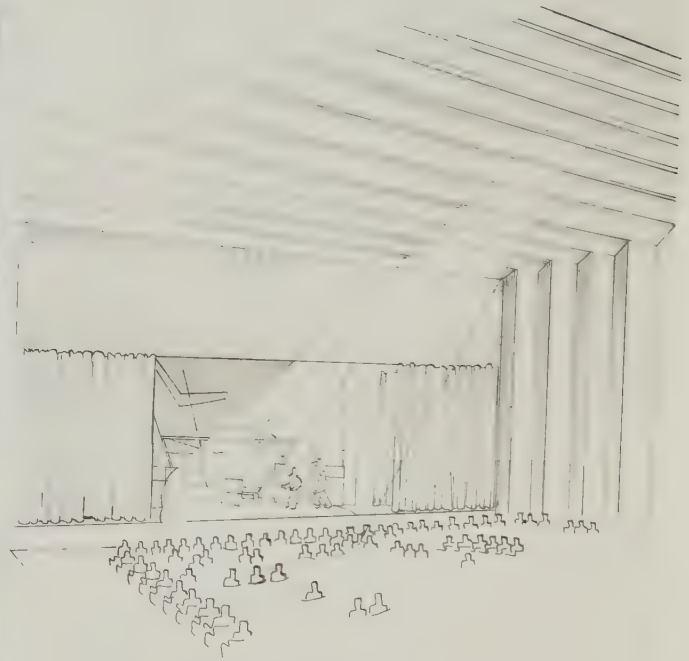
A LITTLE THEATER

BASEMENT 1/16"-1'-0"

ARENA STAGE SEATING 1/16"-1'-0"

NORTH

PLAN & PLOT 1/16"-1'-0"



INTERIOR PERSPECTIVE

NORMAN R. WERNER
705 W ELM ST - URBANA, ILLINOIS
UNIVERSITY OF ILLINOIS
URBANA, ILLINOIS

CLASS '55
A LITTLE THEATER

1954-55

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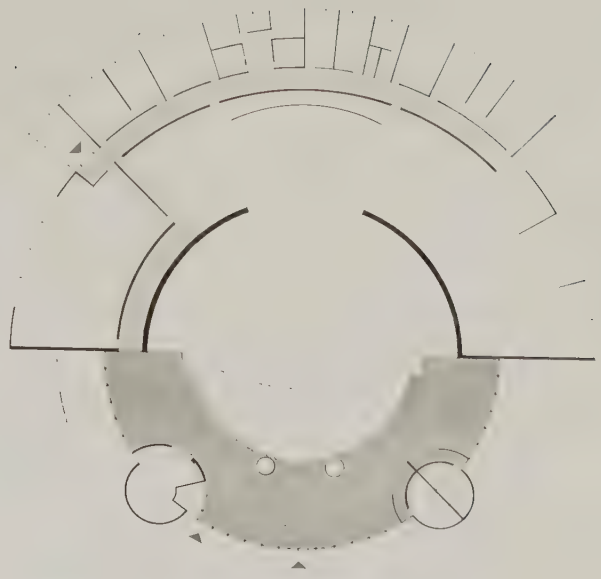

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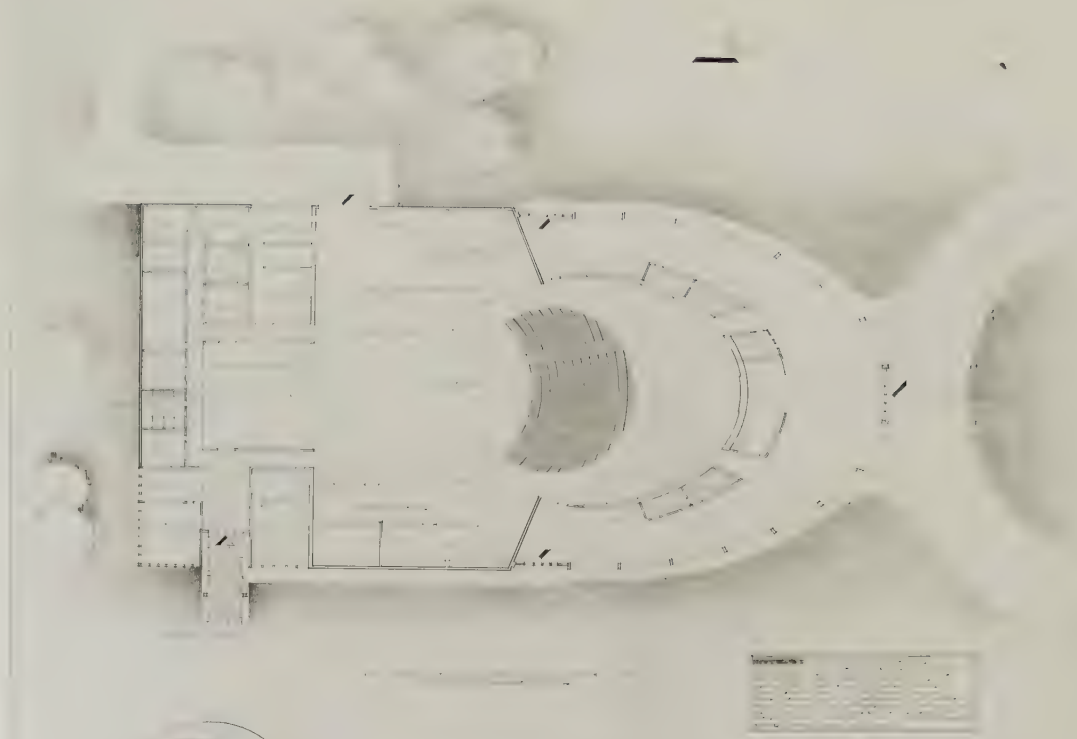

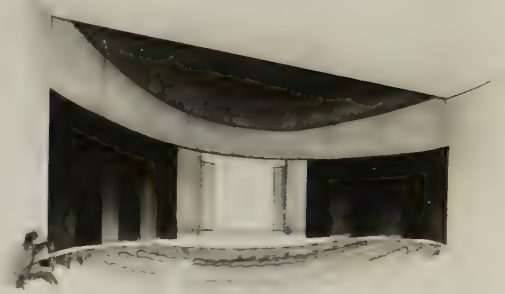

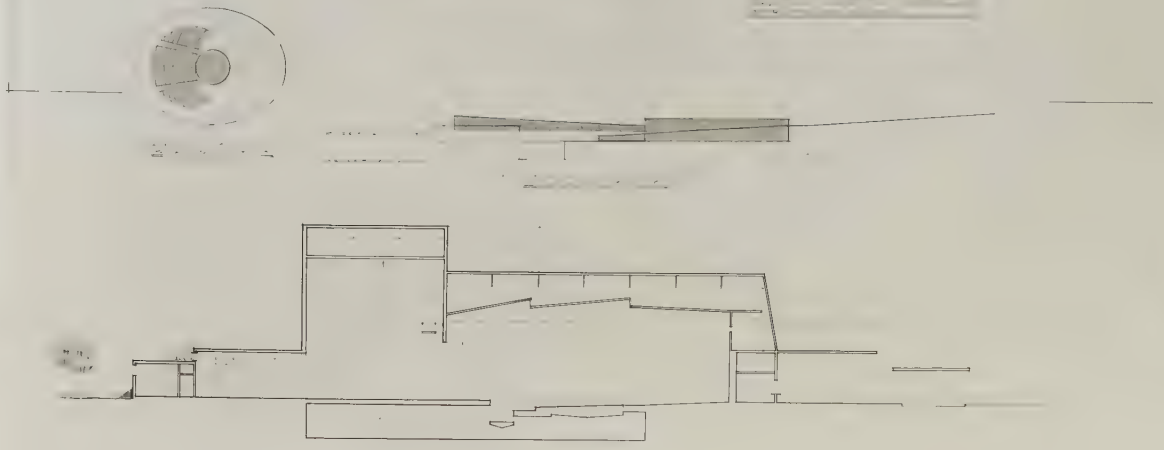

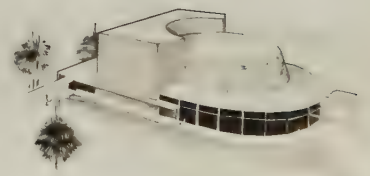

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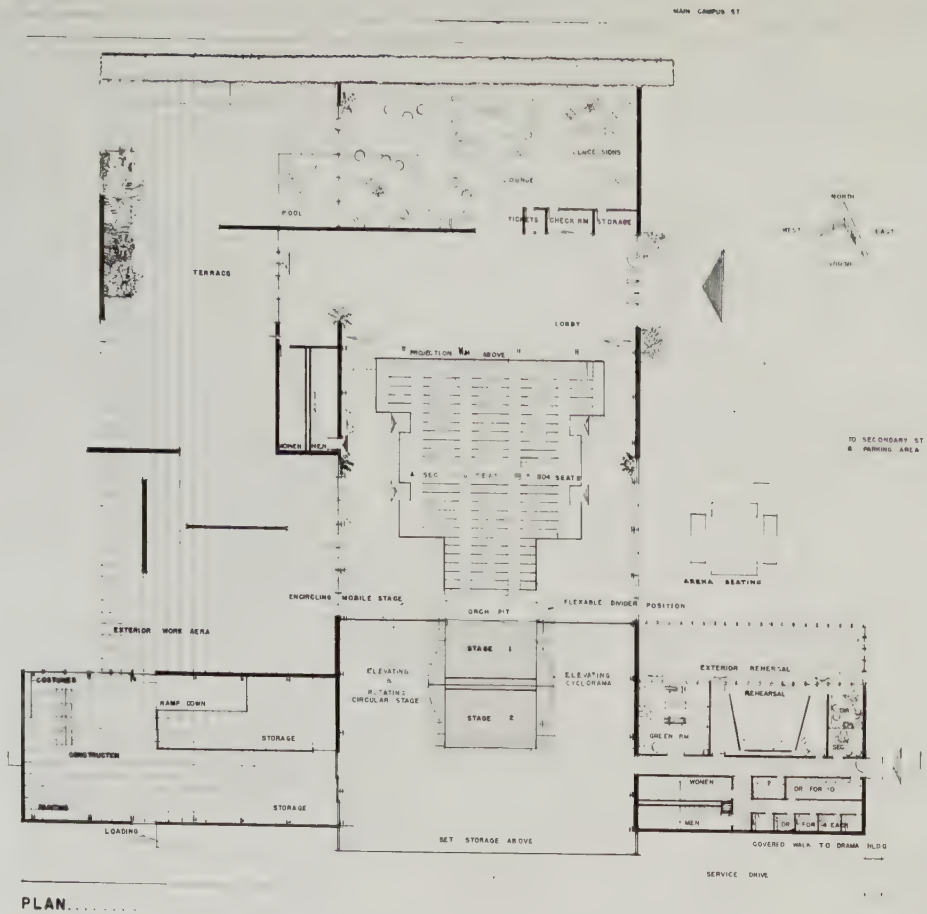
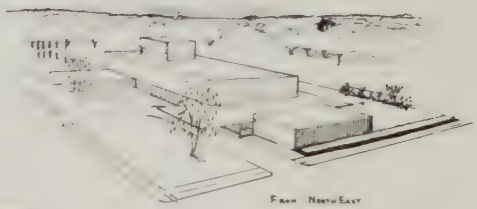
Honorable Mention B-61



PLAN.....

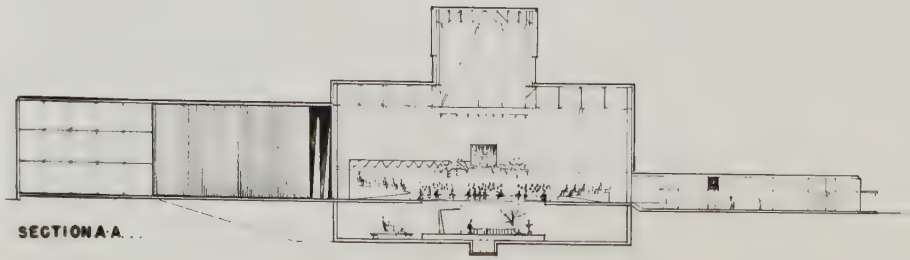
EAST ELEVATION.



PLOT

From North East

PERSPECTIVE



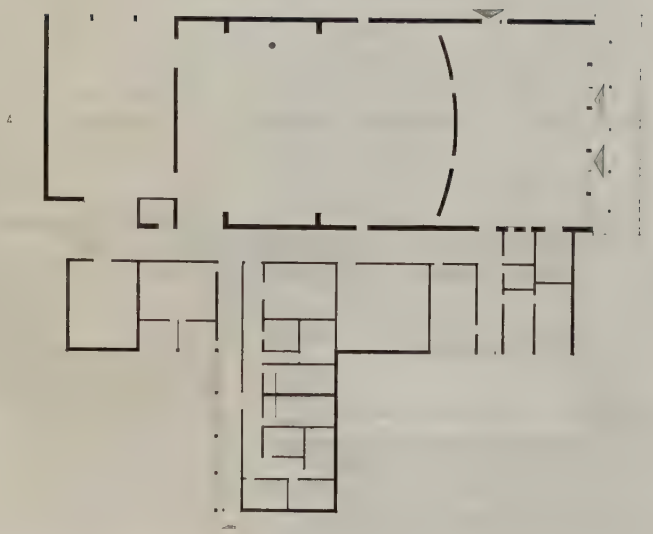
SECTION A-A.

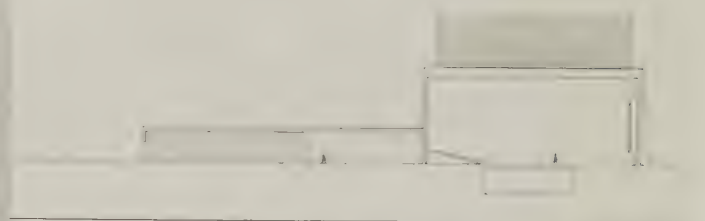
SECTION B B.

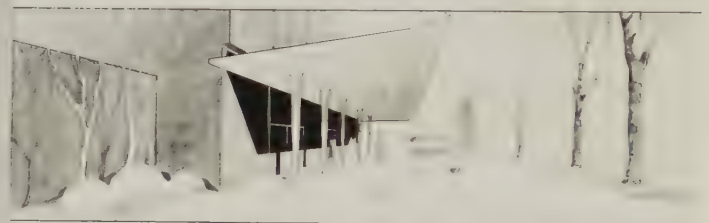
SMALL COLLEGE EXPERIMENTAL THEATRE

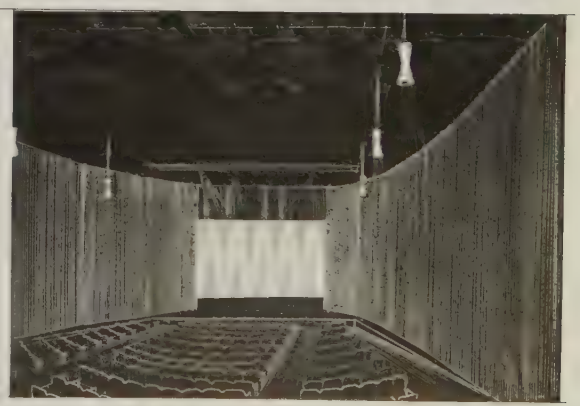
LURTZ & [illegible]
1959 U. [illegible]
UNIVERSITY OF ILL., URBANA
"SMALL COLLEGE THEATRE"
A. I. A.

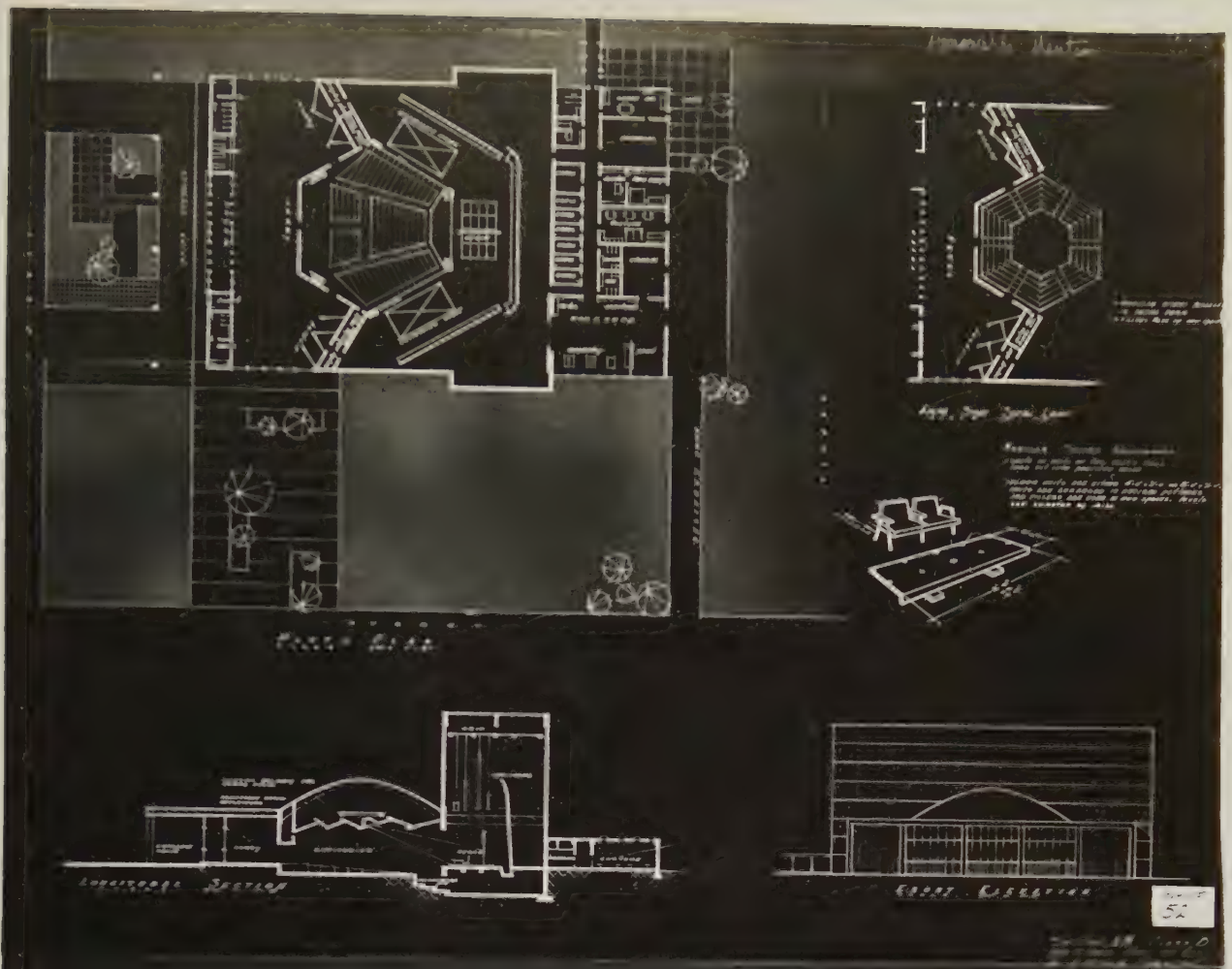
1959-55
50

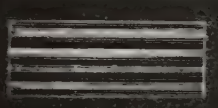


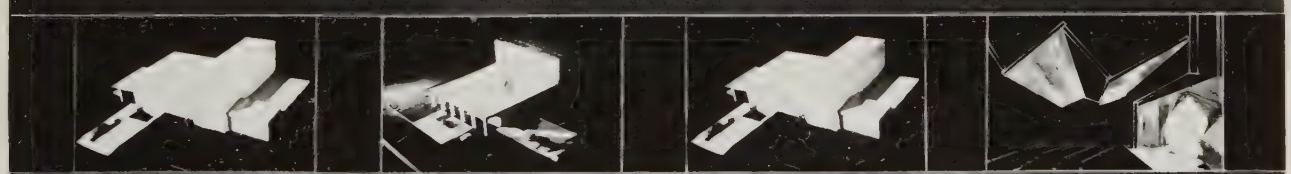


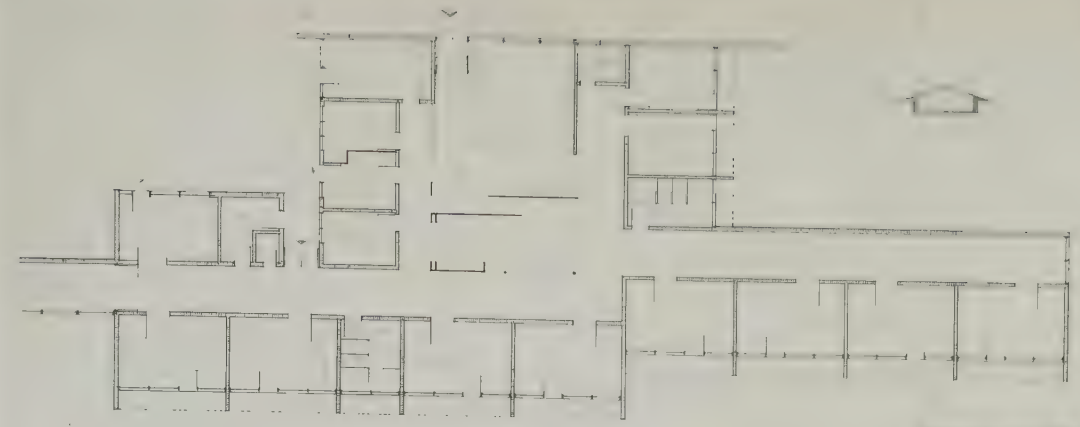


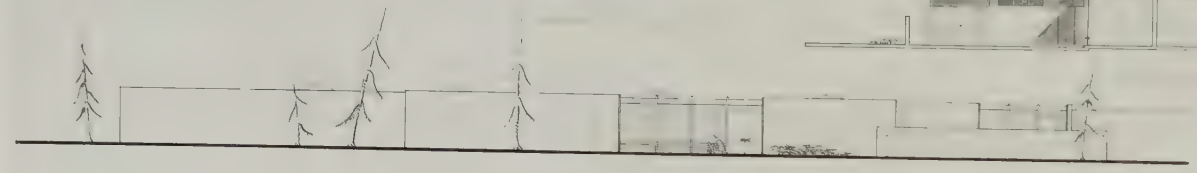


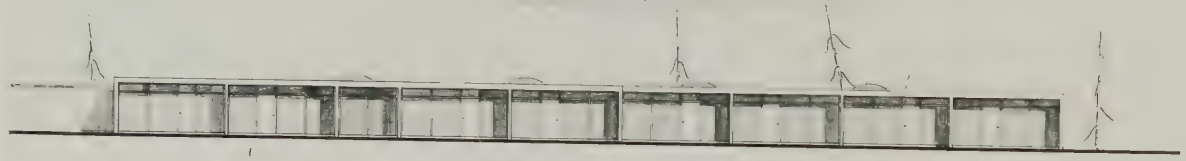


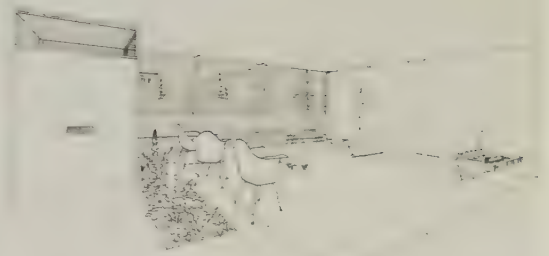


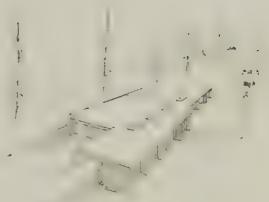


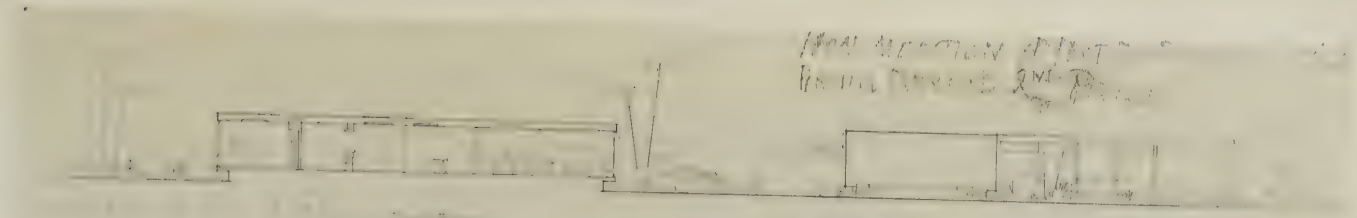


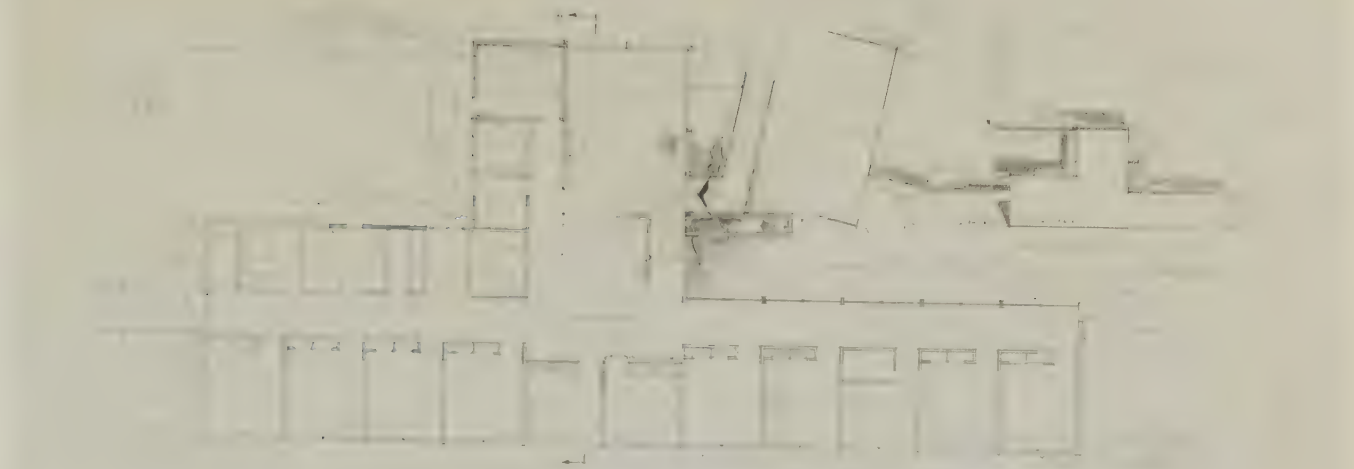


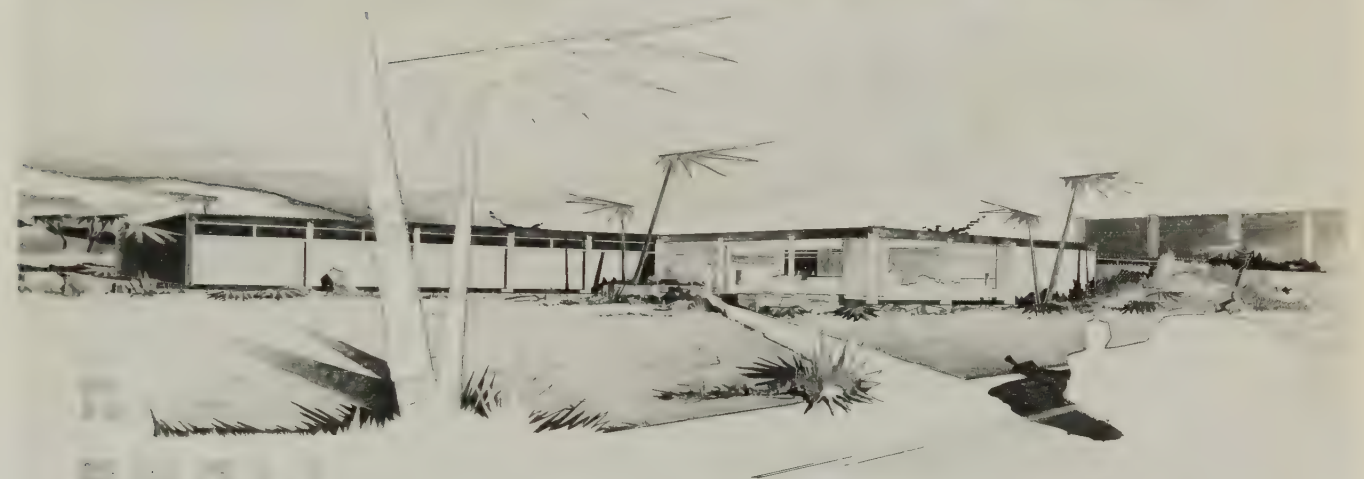






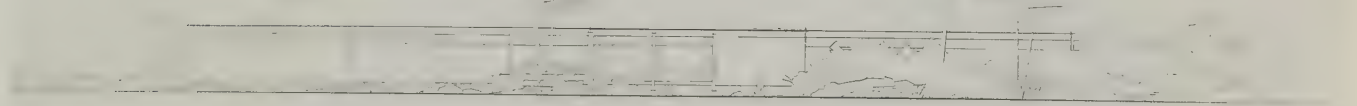


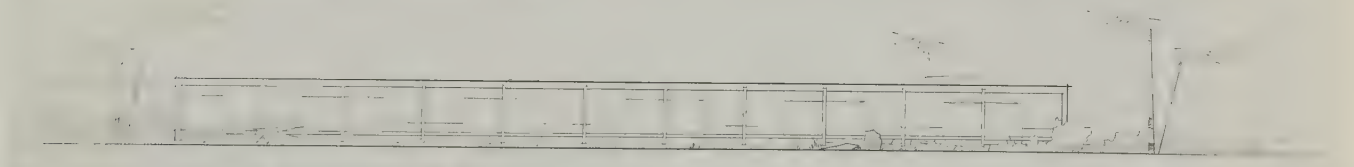




SMALL

COLLEGE INFIRMARY





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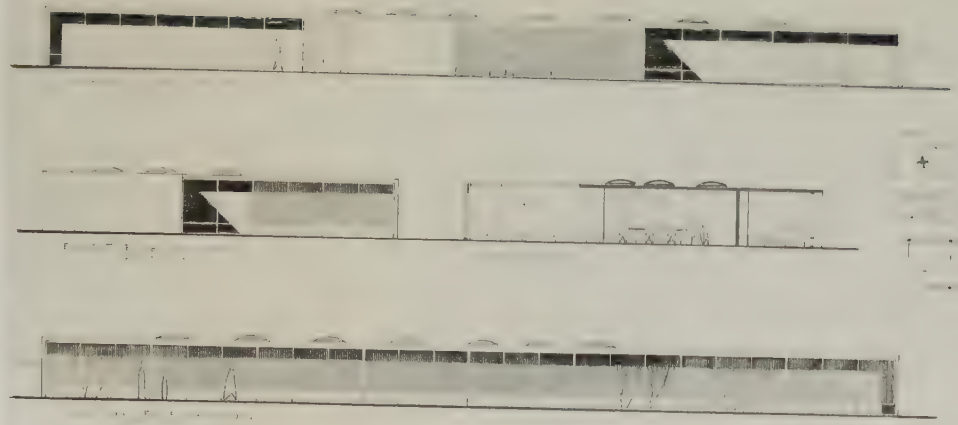
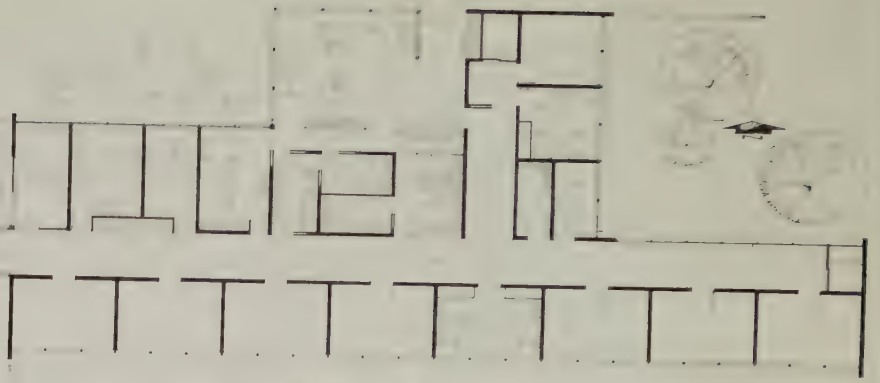
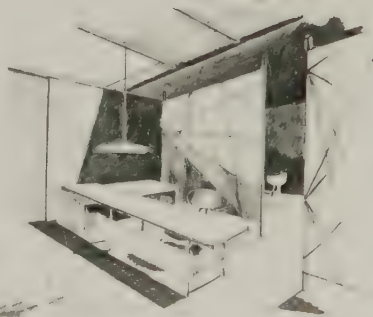
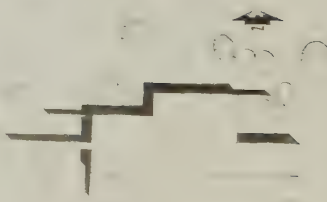
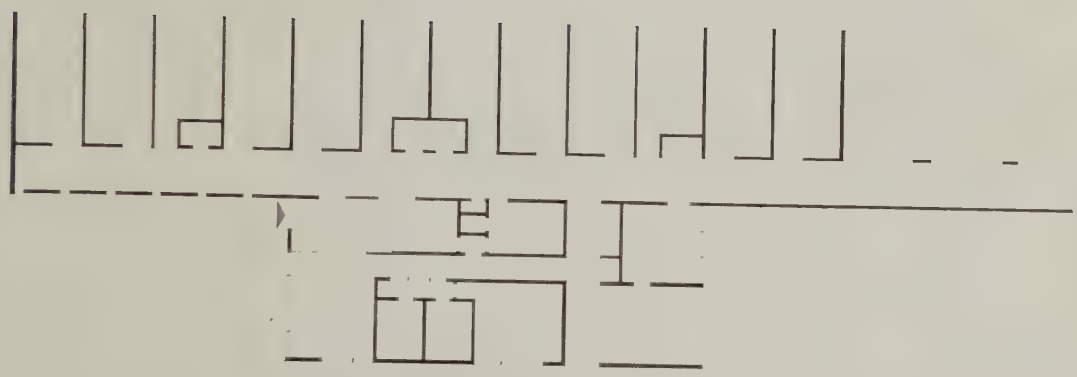


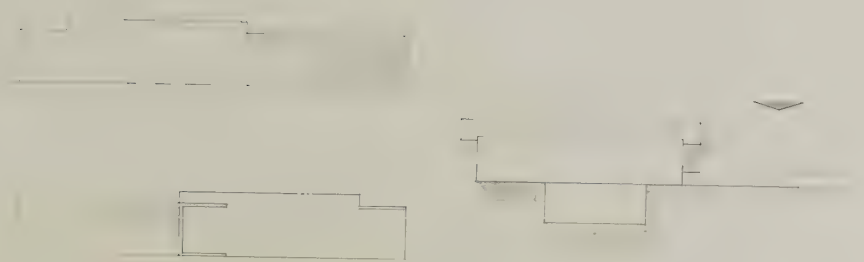






A SMALL COLLEGE INFIRMARY





1954-55
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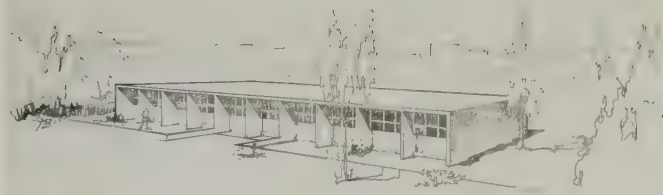
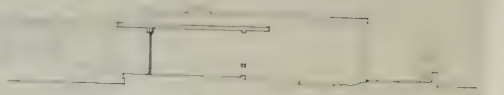
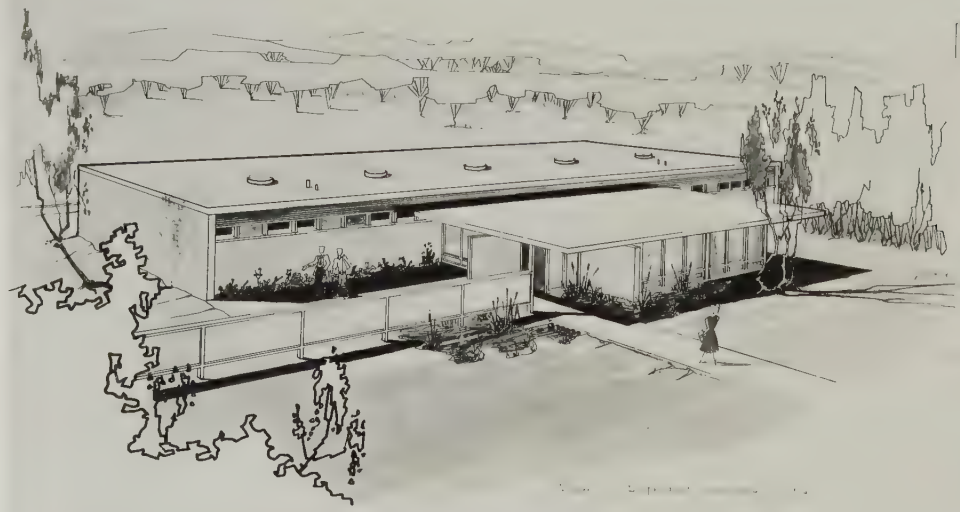
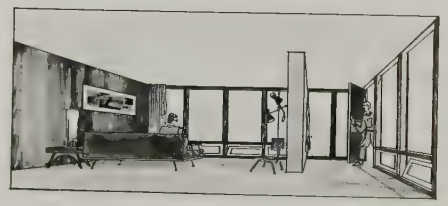
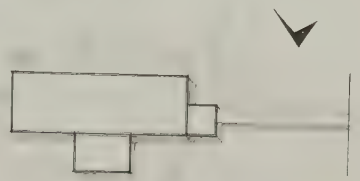
HON. MENTION (5TH PLACE) C-26

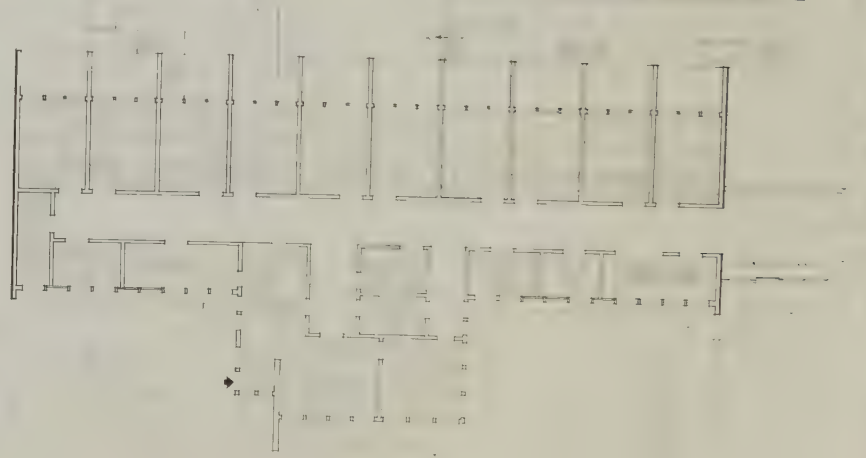












1934-55
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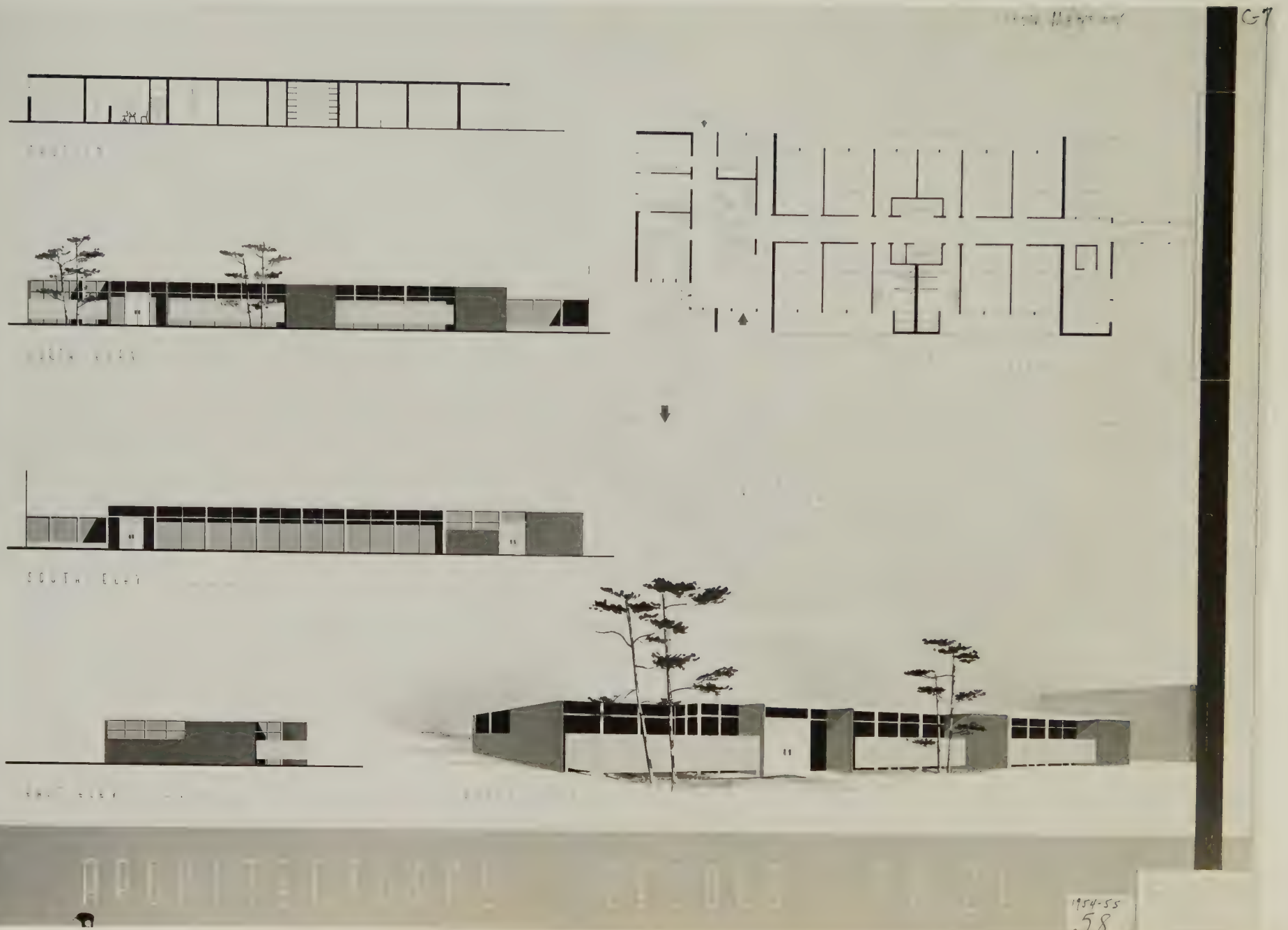
▲ SMALL COLLEGE INFIRMARY



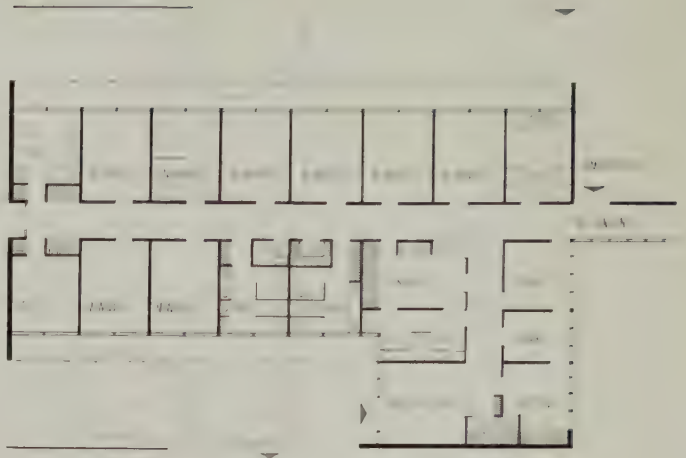
1954-55
58

HON MENTION

C-11

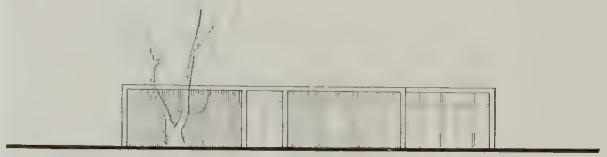
SOUTH ELEV. 1/8"=1'-0"

NORTH ELEV. 1/8"=1'-0"



1/8"=1'-0"

SECTION 1/8"=1'-0"



WEST ELEV. 1/8"=1'-0"

ARCHITECTURAL RECORD PRIZE

1954-55

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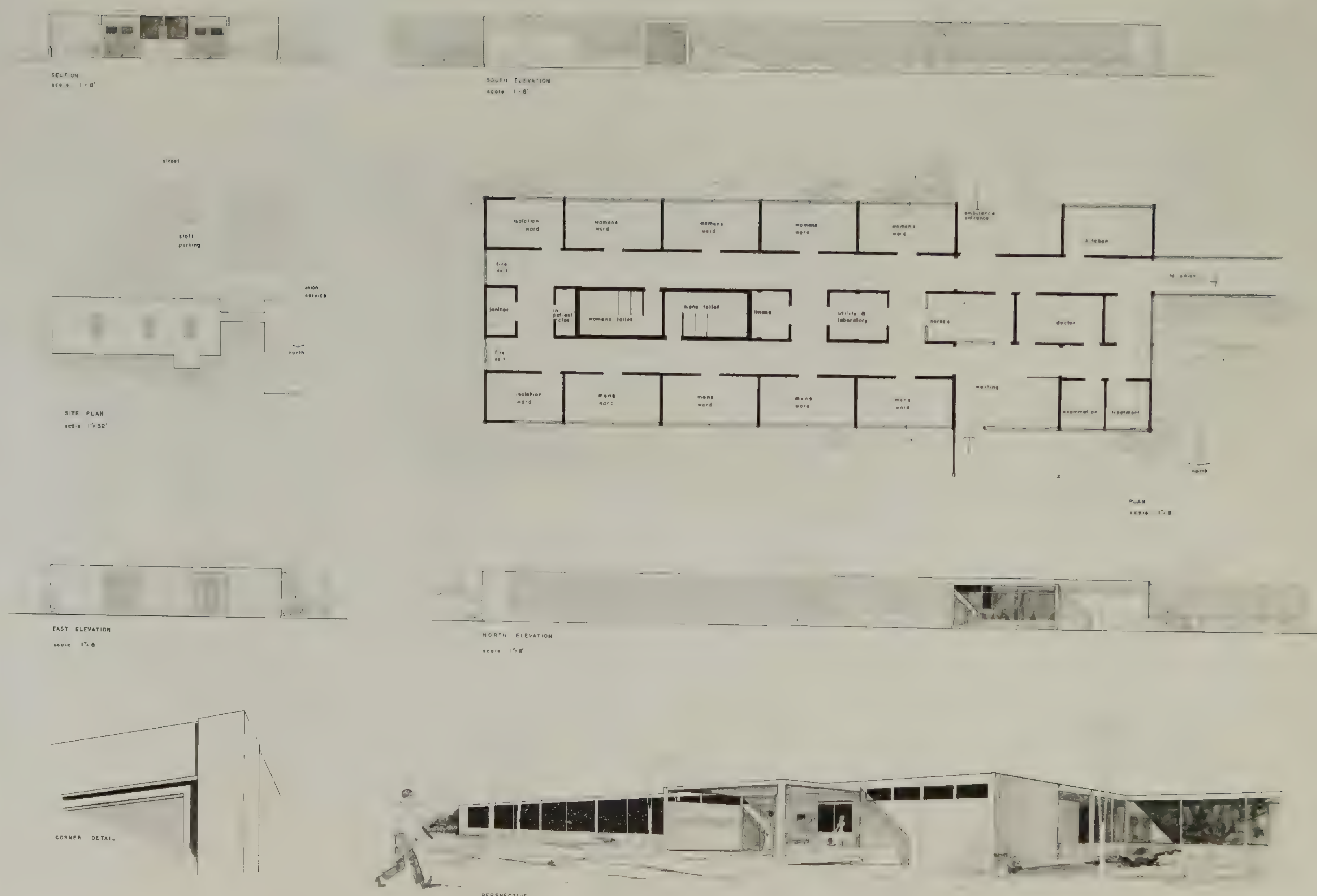
C-23

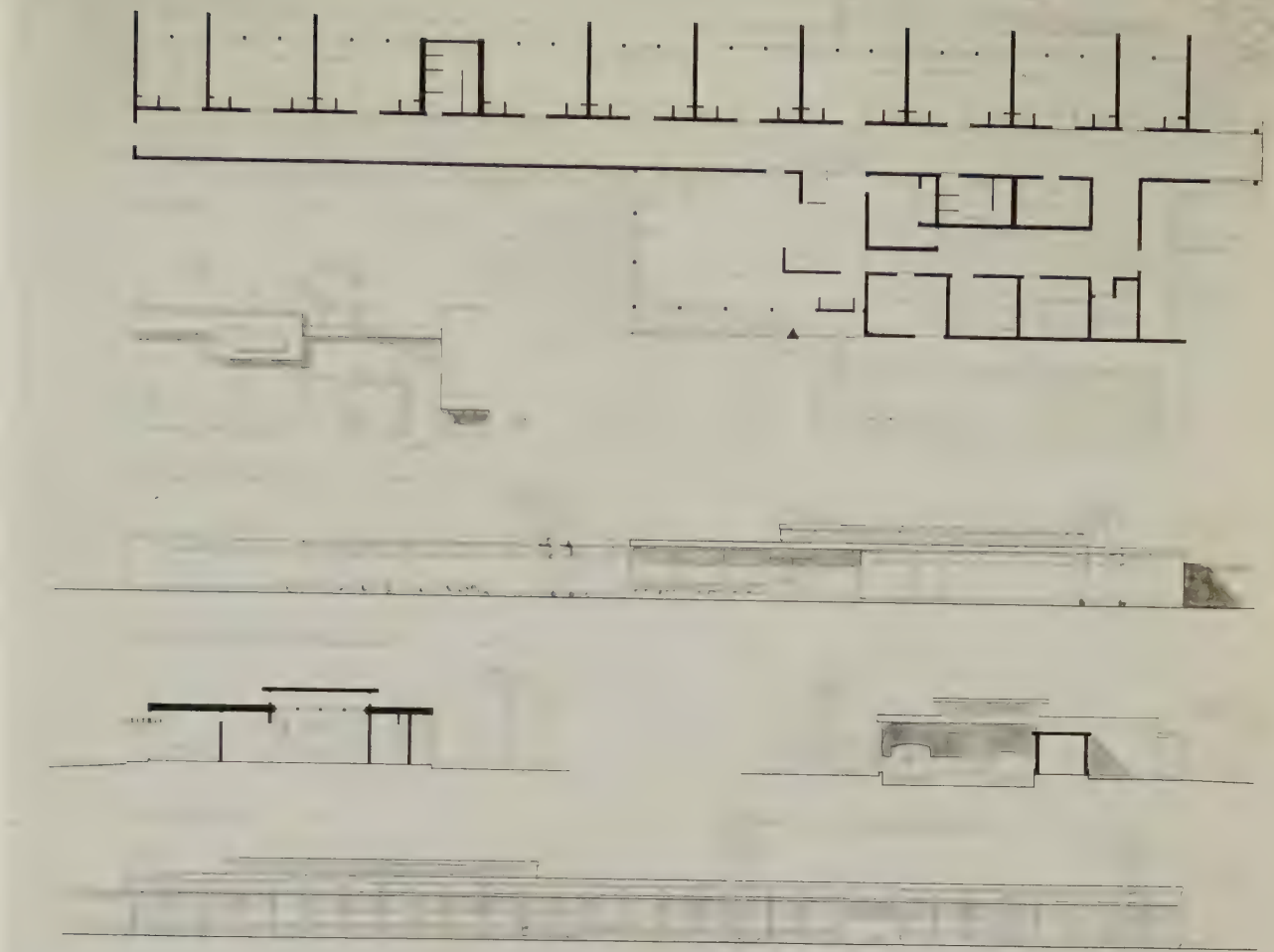


1954-55
60

department of architecture

HOK MEXICO

C-37



INFIRMARY

1954-55

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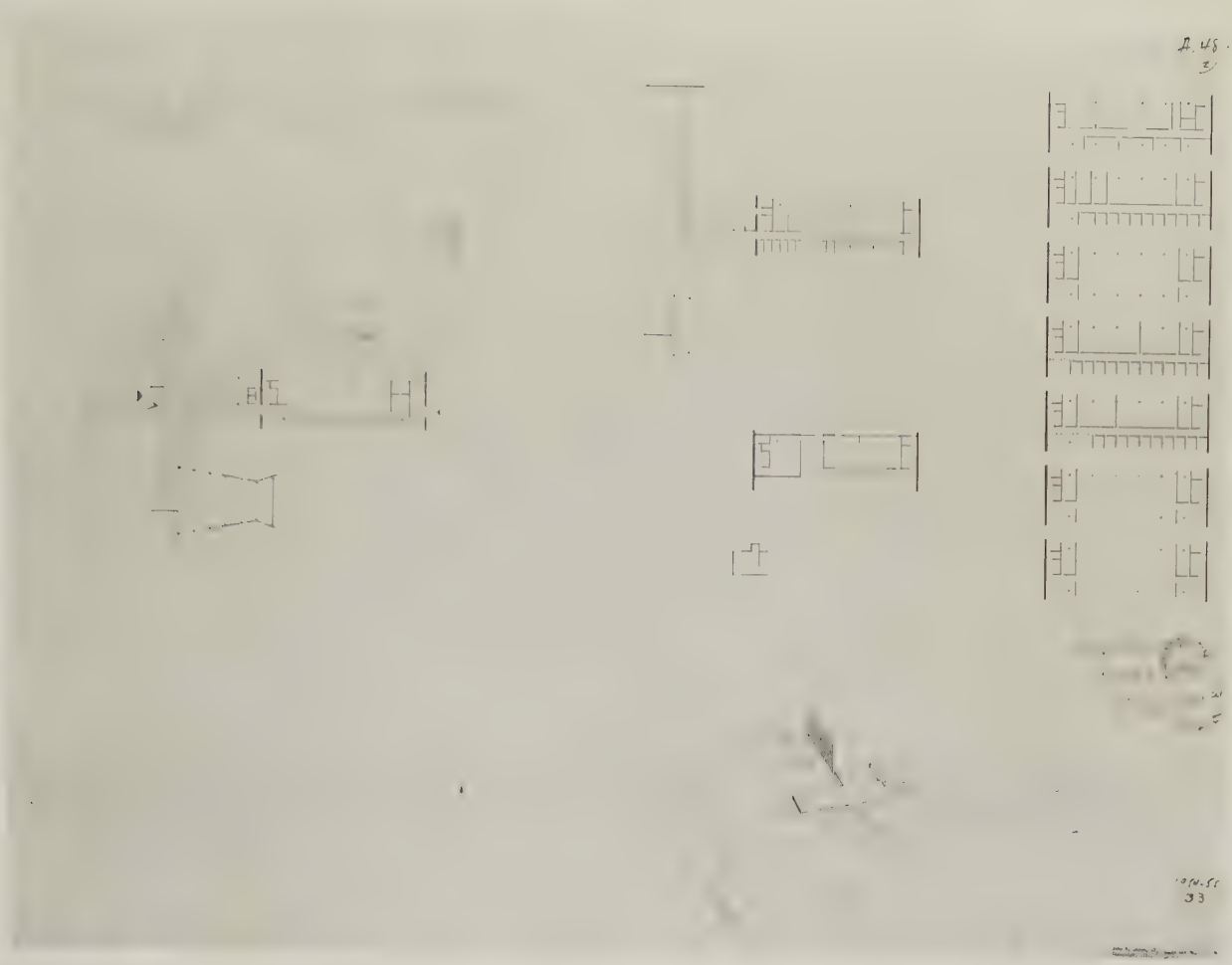

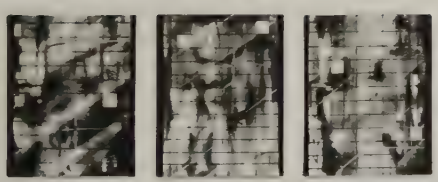

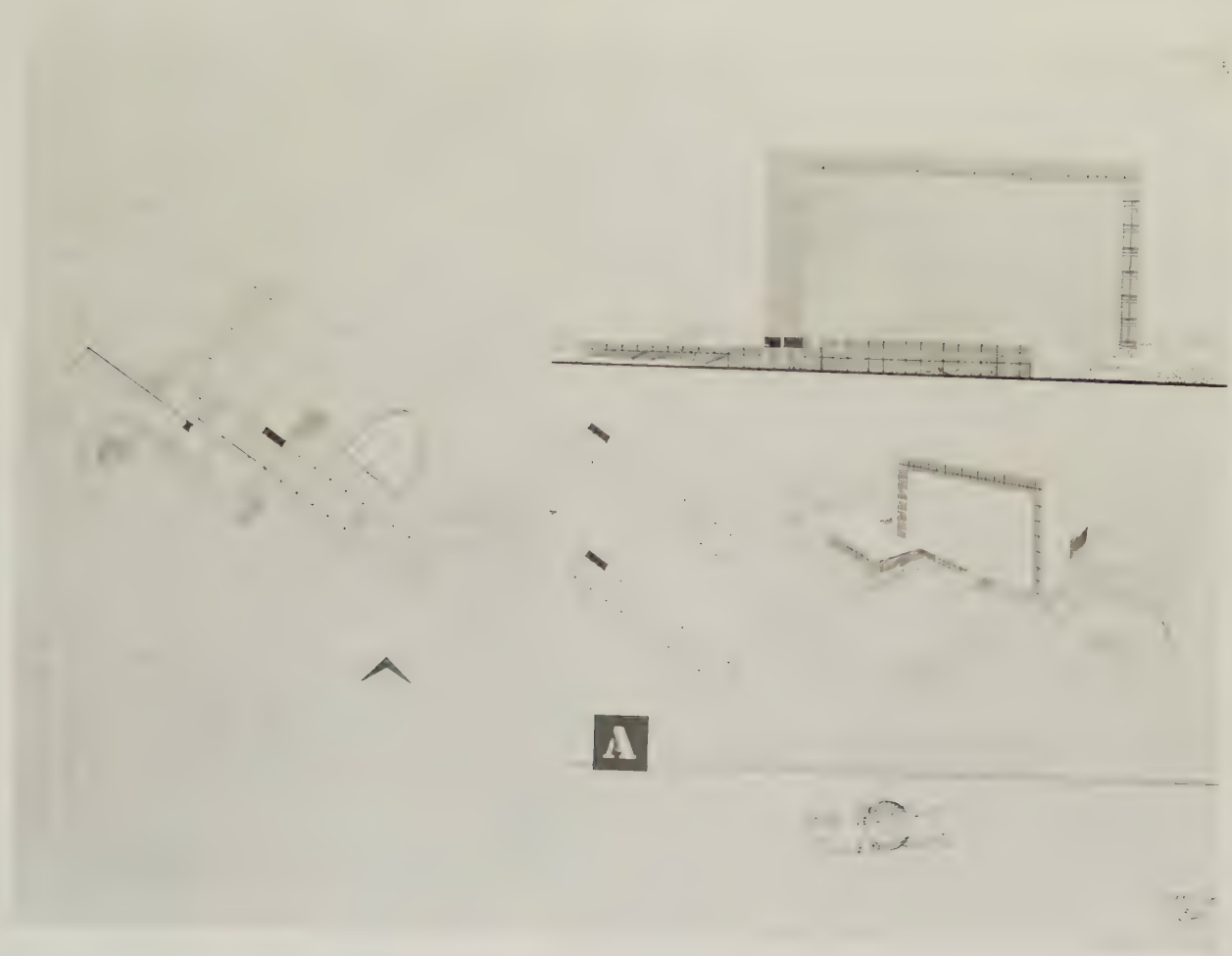
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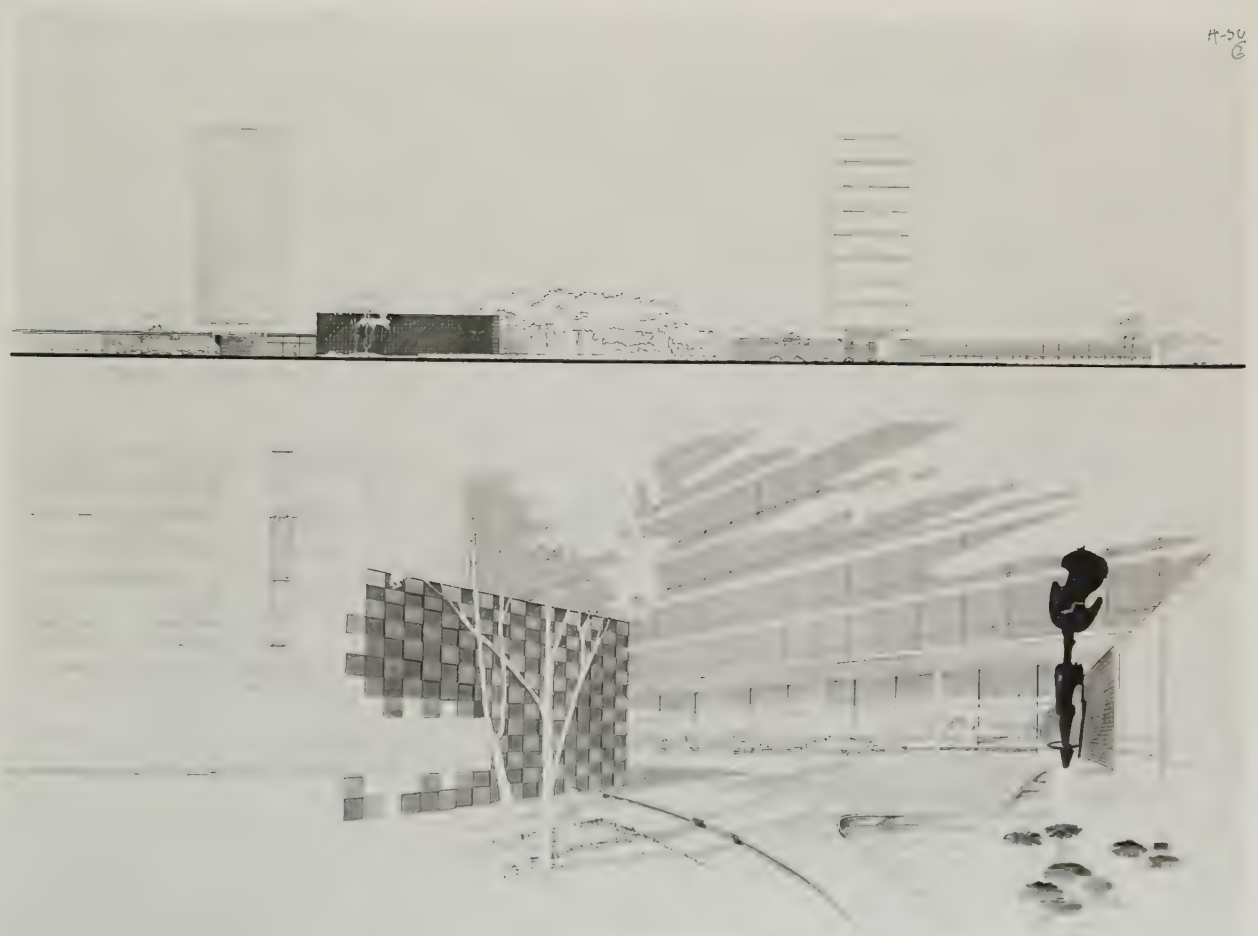
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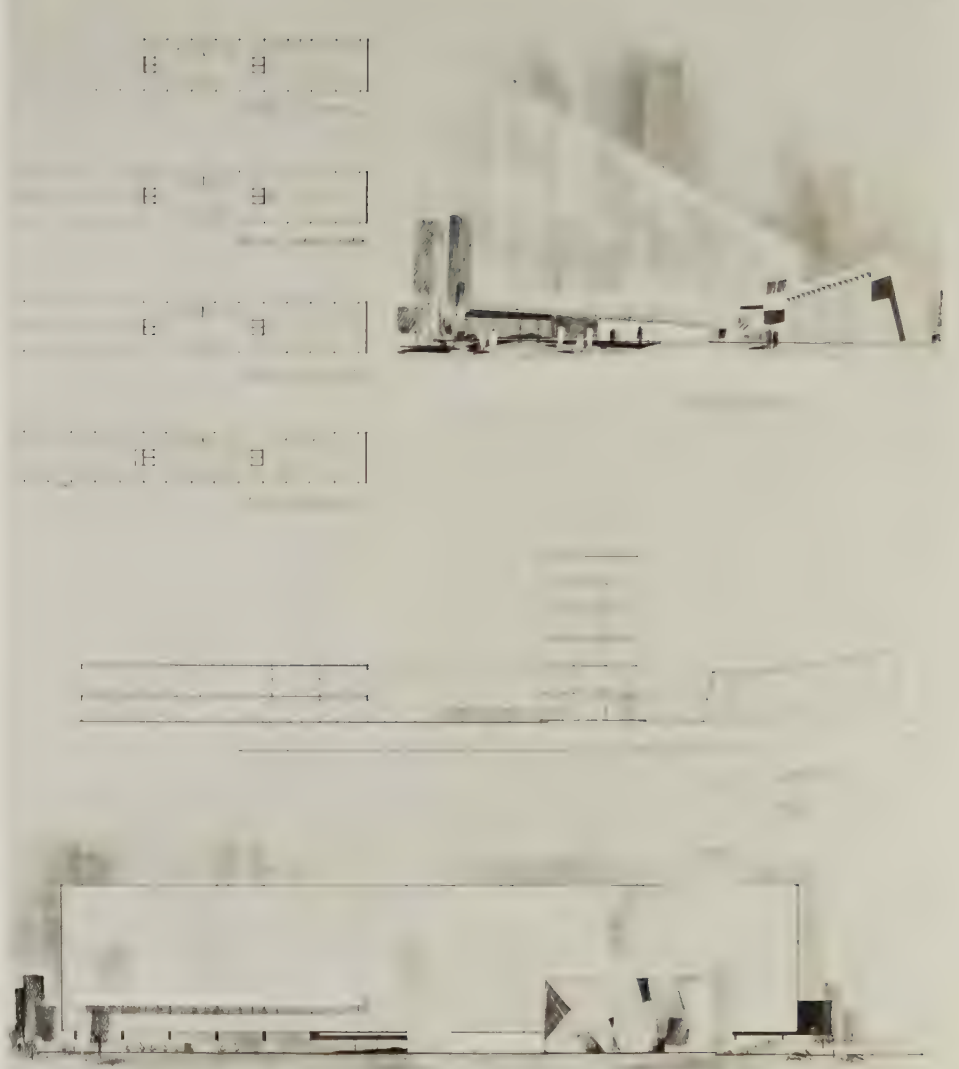
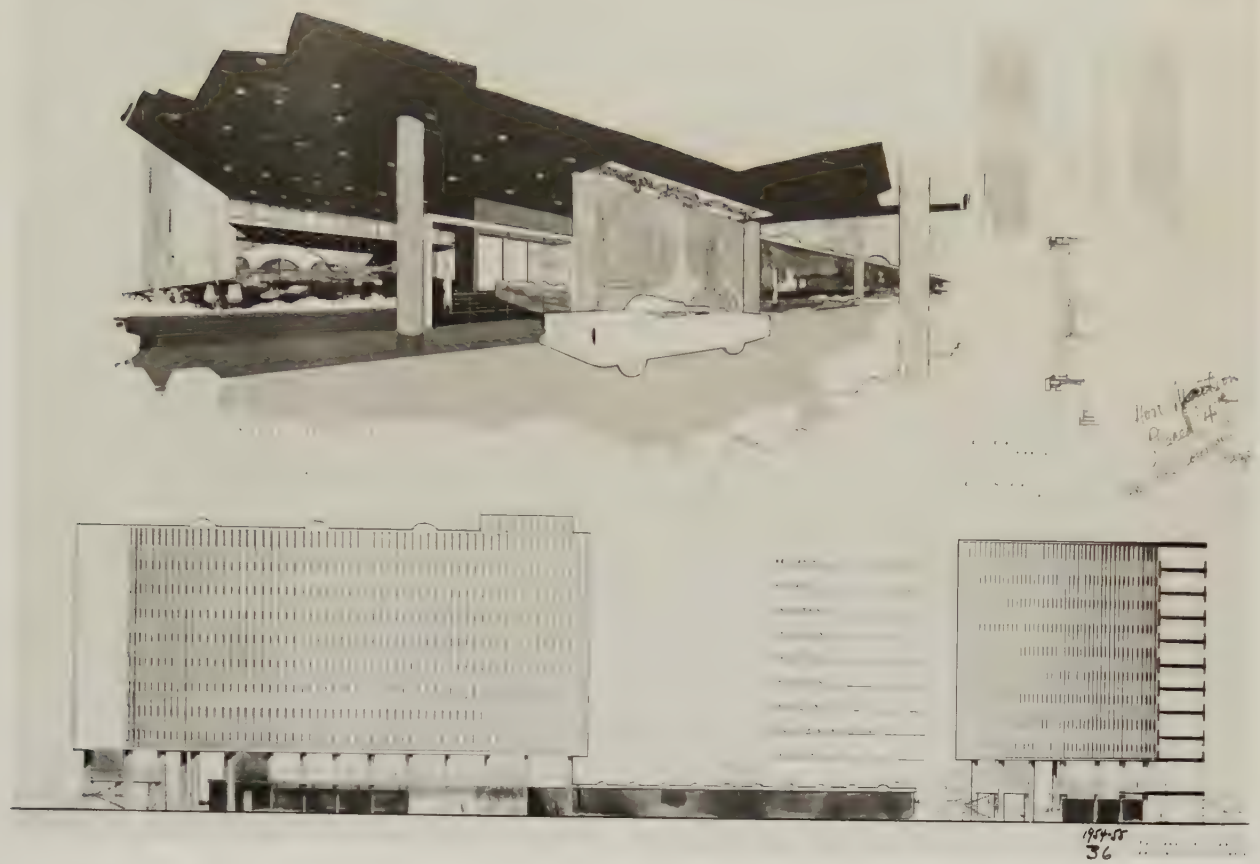
G

a corporation's 1954-55 35



headquarters 1954-55 35



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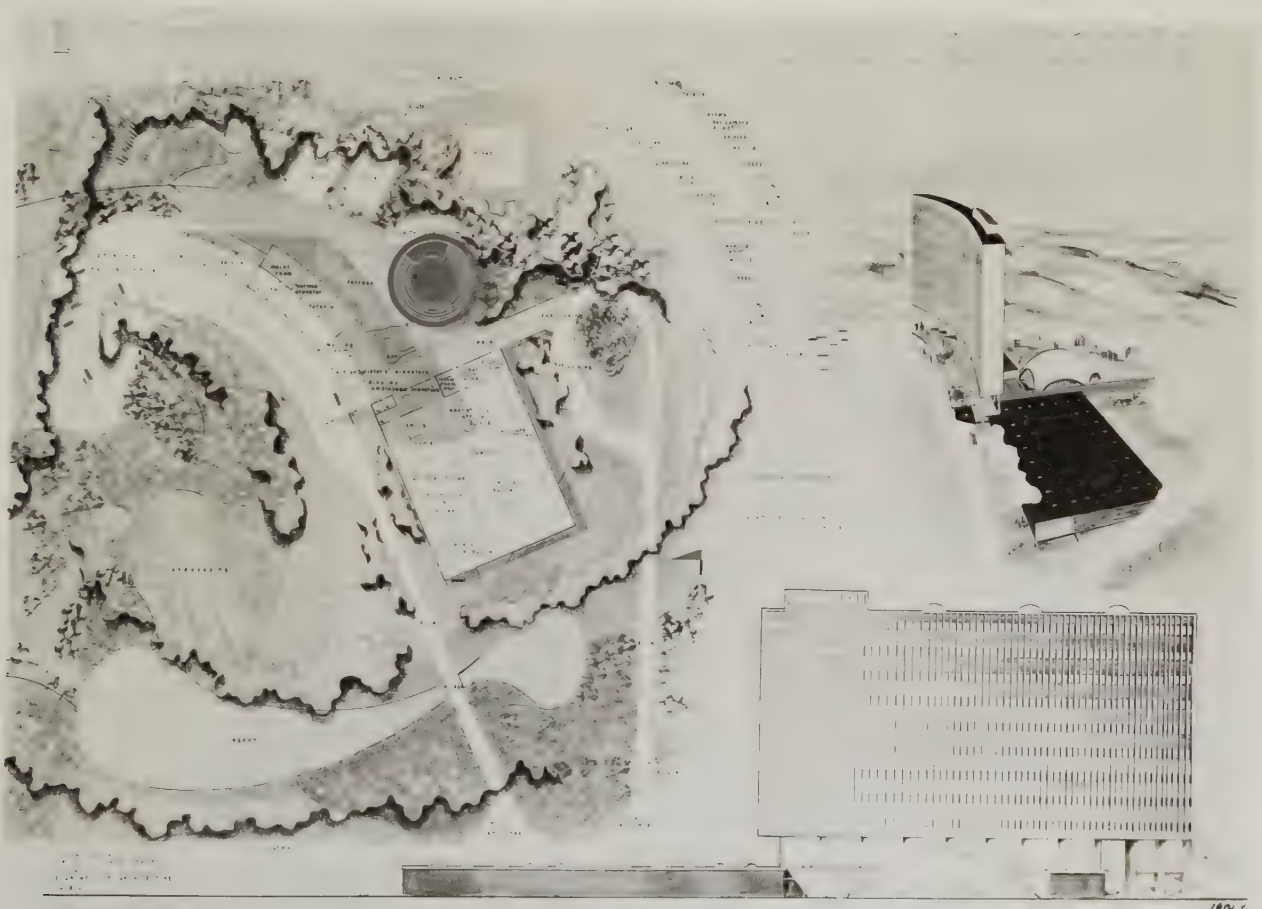

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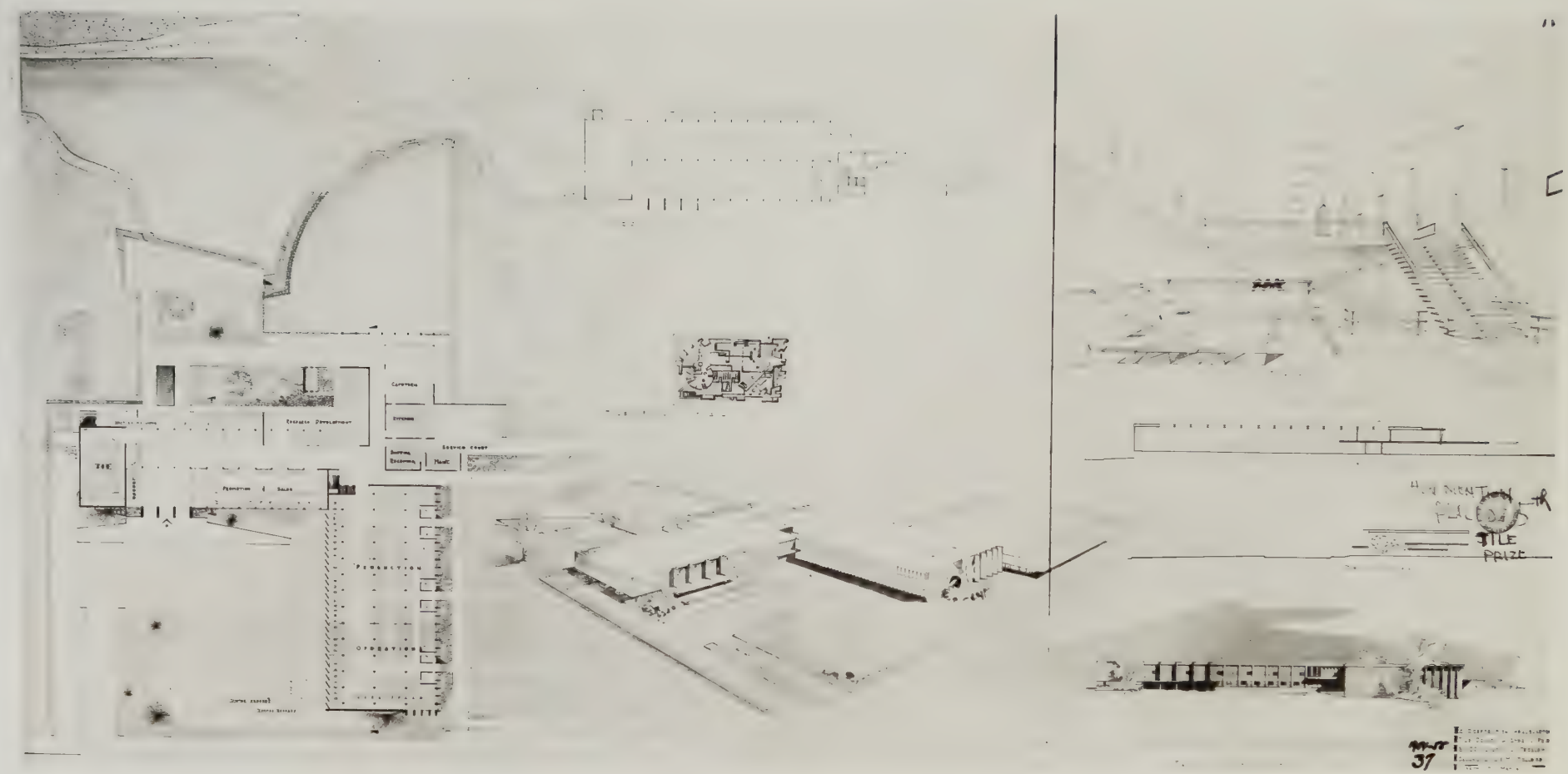
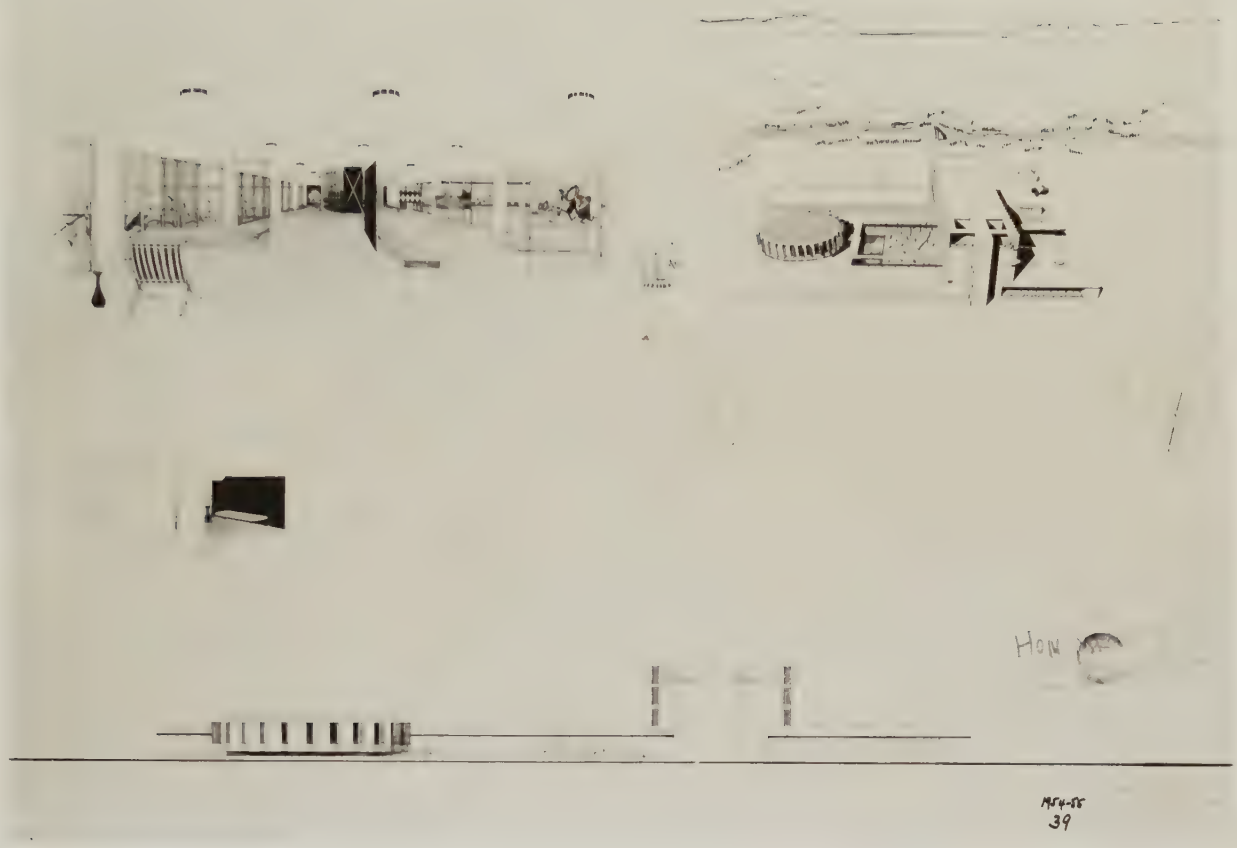

PRODUCTION
OPERATIONS
TILE
PRIZE



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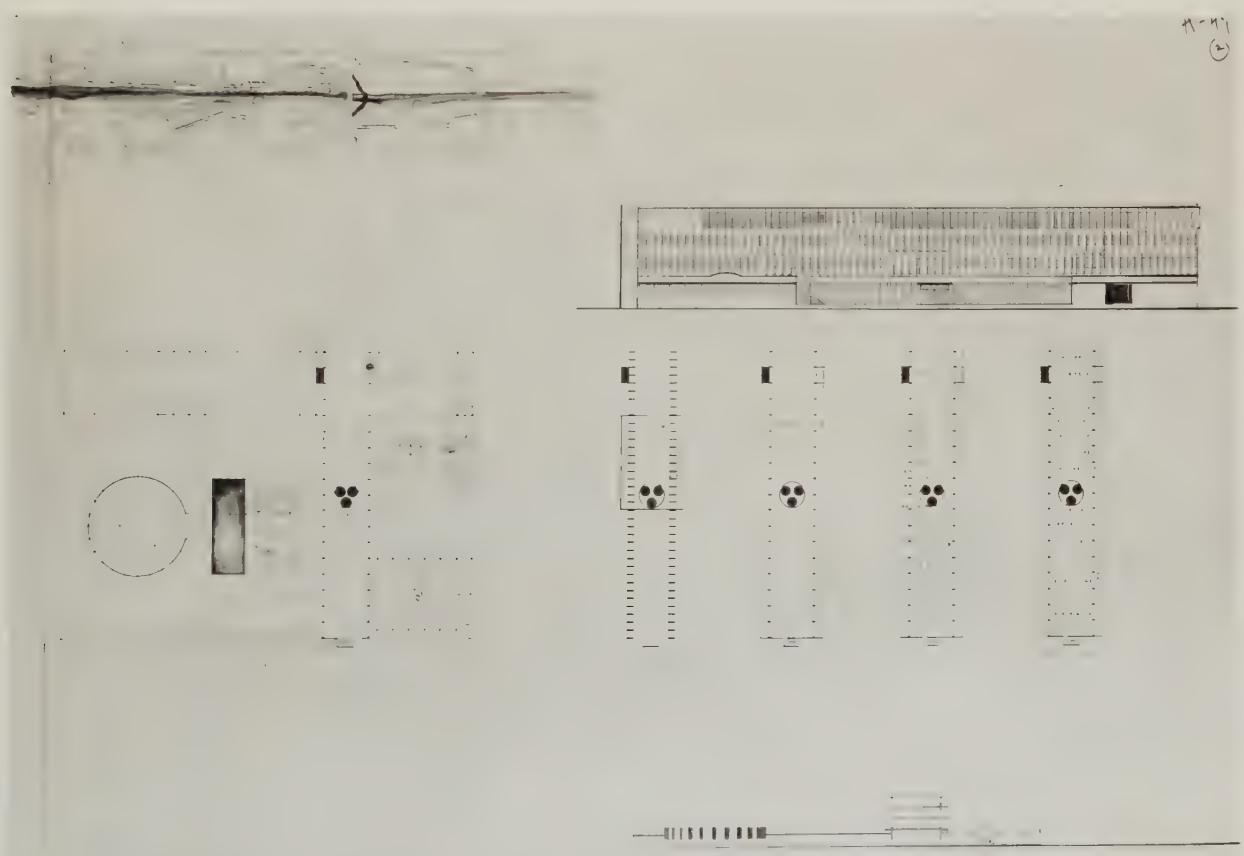

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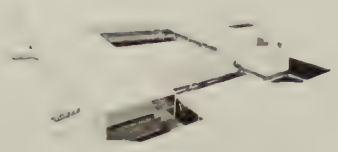

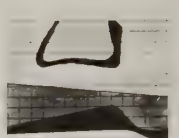

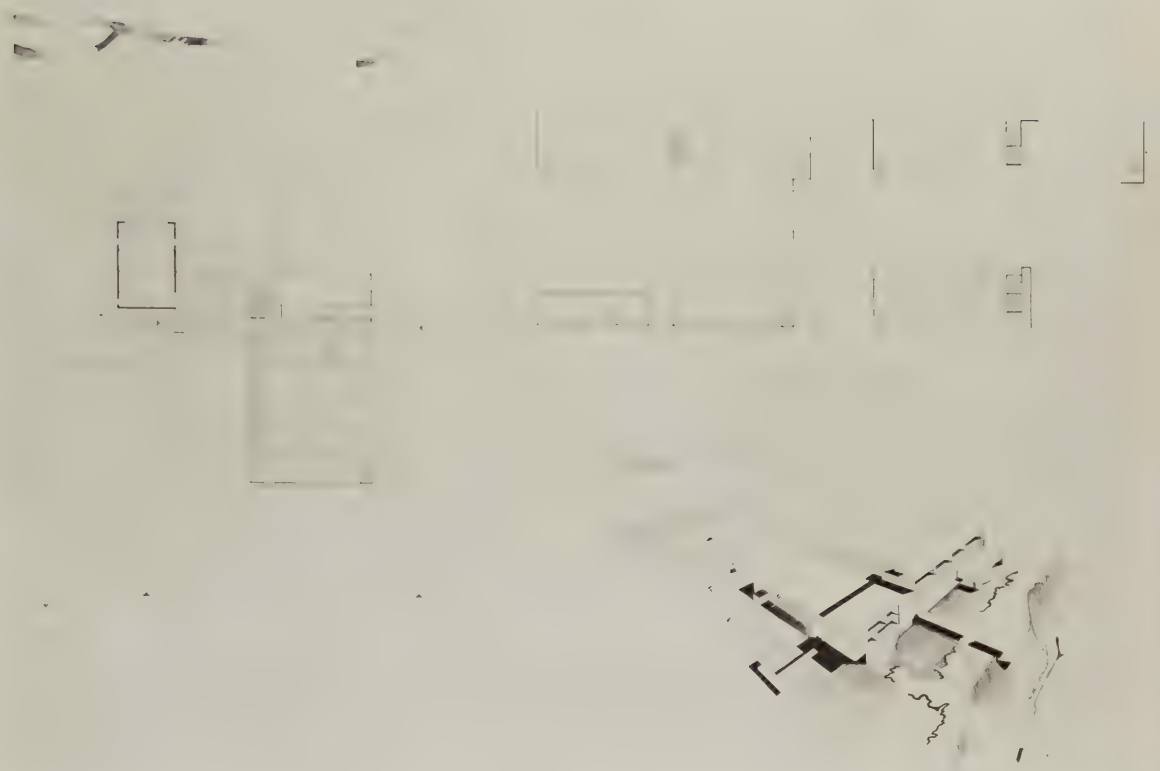

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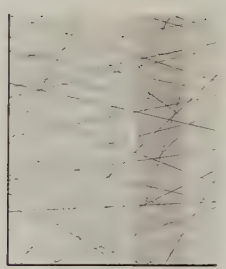

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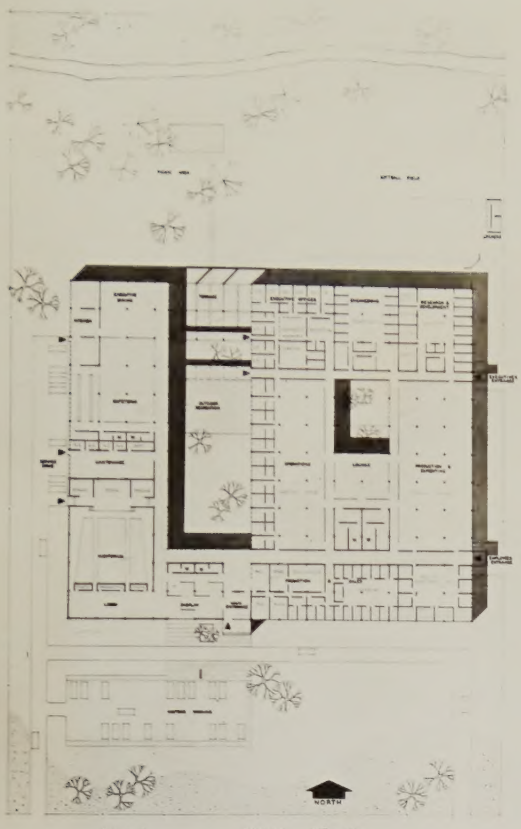
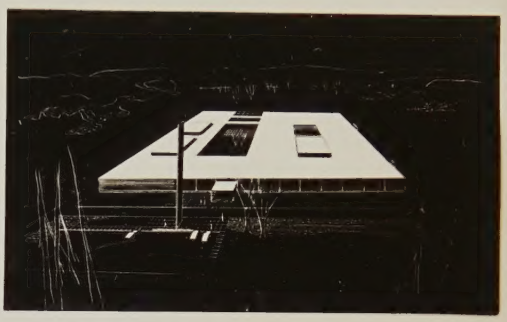
CORPORATION'S HEADQUARTERS IN A SUBURB



PLAN SCALE 1-32 - 1-0



Honorable Mention

PAUL FAHRENKROG
ATELIER BASTA
PROB 237 2 3
MARCH 24 1955

UNIVERSITY OF ILLINOIS
DEPARTMENT OF ARCHITECTURE

1954-55
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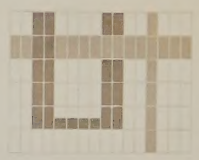
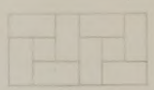
MAIN ENTRANCE AND LOBBY



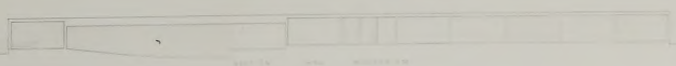
WALL TILE DETAIL



FLOOR DETAIL

SOUTH ELEVATION

WEST ELEVATION



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